KENDRIYA VIDYALAYA BERHAMPUR
SESSION : 2023

Computer Science PROJECT

BOOK STORE MANAGEMENT SYSTEM

Under the Guidance of : *Saroj Kanta Misra ,PGT(CS)*

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CLASS: *XII 'A'*

ROLL NO.:-12642999

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CERTIFICATE

This is to certify that **RITUPARNA BEHERA** Roll no. 12642999 of class **XII A** of K.V. BERHAMPUR have successfully completed the project on the Topic: **"Book Store Management System"** under the guidance of Mr. **Saroj Kanta Misra**, PGT Comp. Sci, during the year 2023-24 in partial fulfilment of the Computer Science practical examination conducted by CBSE.

external **principal** **internal**

ACKNOWLEDGMENT

I would like to express my special thanks of gratitude to my teacher (Mr. Saroj Kanta Misra) as well as our principal sir (Shri Shivapriya Dash) who gave me this golden opportunity to do this wonderful project on the topic [**Book Store Management System]**, which also helped me in doing a lot of research and I came to know about so many new things I am really thankful to them.

RITUPARNA BEHERA

Hardware & Software Requirement

#Software Specifications:

Operating System: - Windows 10 or Up

Platform: - Python IDLE 3.12 64 bit

Database: - MySQL

Language: - Python

#Hardware Specifications:

Processor: - Intel i5 12th Generation

Hard Disk: - 512 GB

RAM: - 8 GB RAM

Content:

Introduction

The traditional bookstores that once stood as cultural hubs are now undergoing a metamorphosis in the face of technological advancements. The need for an efficient and seamless Book Store Management System becomes increasingly evident. This project aims not just to streamline the operations of bookstores but to usher them into a new era of digital competence and customer satisfaction.

1. Changes in Bookstores:

Bookstores are no longer just physical spaces; they are evolving into multi-dimensional entities that seamlessly blend the tangible and intangible aspects of literary experiences.

The Book Store Management System project emerges as a beacon guiding bookstores through this transformative journey. It acknowledges the evolving landscape of literature consumption while preserving the essence of the traditional bookstore experience.

2. Need of Project:

In the digital age, where information travels at the speed of light, bookstores must adapt or risk becoming relics of the past. he Book Store Management System project recognizes the need for innovation in the management and operation of bookstores. It seeks to address the challenges faced by bookstore owners, managers, and customers alike.

2.1 Operational Efficiency:

One of the primary objectives of the project is to **enhance the operational efficiency of bookstores**. Traditional inventory management systems, manual record-keeping, and outdated sales processes often lead to inefficiencies and errors. The Book Store Management System aims to automate these processes, reducing the likelihood of human errors and allowing bookstore staff to focus on providing an enriched customer experience.

2.2. Digital Integration:

The Book Store Management System will facilitate online sales, e-book integration, and customer engagement through digital channels, ensuring that bookstores remain relevant and accessible in an increasingly virtual world

3. Features and Functionalities:

Book Store Management System project are a junction of features and functionalities designed to cater to the diverse needs of modern bookstores.

3.1. Inventory Management:

Efficient inventory management lies at the heart of a successful bookstore. The project will implement a sophisticated inventory system that tracks stock levels in real-time, automatically updating the database with each sale or restock. This not only minimizes the risk of stockouts or overstocking but also provides valuable insights into popular genres, authors, and trends.

3.2. E- Commerce Integration:

The project aims to integrate an e-commerce platform seamlessly with the existing bookstore infrastructure, allowing customers to browse, purchase, and receive their favorite books with the click of a button.

3.3. Analysis:

Data-driven decision-making is a cornerstone of success in any industry. The Book Store Management System will provide detailed reports and analytics on sales trends, and inventory turnover. This information empowers bookstore owners and managers to make informed decisions, optimize stock levels, and tailor their offerings to meet the evolving demands of their customer base.

4. Benefits of the Book Store Management System:

The implementation of the Book Store Management System is not merely a technological upgrade; it is a strategic investment that yields a multitude of benefits for both bookstore owners and customers.

4.1. Improved Customer Experience:

Customers can expect quicker transactions, a more extensive selection of books, and a seamless transition between the physical and digital aspects of the bookstore.

4.2. Operational Efficiency:

The project's emphasis on automation reduces the burden on bookstore staff, allowing them to focus on providing exceptional service rather than getting bogged down by administrative tasks. This not only increases productivity but also contributes to a more positive and engaging work environment.

4.3. Data Oriented Decision:

The reporting and analytics tools embedded in the system empower bookstore owners to make informed decisions based on real-time data. Whether it's adjusting inventory levels, optimizing pricing strategies, the system provides the insights needed to stay ahead in a competitive market.

5. Challenges and Consideration:

While the Book Store Management System promises a myriad of benefits, its implementation is not without challenges. Addressing these challenges is crucial to ensuring the successful adoption and integration of the system into existing bookstore operations.

5.1. Resistance to Change:

The transition from traditional manual processes to a digital management system may be met with resistance from bookstore staff accustomed to established routines. Effective training programs, clear communication of benefits, and ongoing support are essential in overcoming this resistance and fostering a positive attitude towards the new system.

5.2. Cost Of Implementation:

While the long-term benefits of the Book Store Management System are substantial, there is an initial cost associated with its implementation. Bookstore owners must carefully weigh these costs against the anticipated benefits to make informed decisions about the system's implementation.

Source Code:

```
import mysql.connector
DB=mysql.connector.connect(host="localhost",
                    user="root",
                    password="ashish",
                    database="book_store"
)
C=DB.cursor()
#ADMIN FUNCTIONS
def ADD():
        book=str(input("Enter Book Name: "))
        genre=str(input("Genre:"))
        quantity=int(input("Enter quantity:"))
        author=str(input("Enter author name:"))
        publication=str(input("Enter publication house:"))
        price=int(input("Enter the price:"))
        C.execute("INSERT INTO available_books
values('{}','{}',{},'{}','{}',{})".format(book,genre,quantity,author,publication,price))
        DB.commit()
        print("""++++++++++++++++++++++++++SUCCESSFULLY
ADDED++++++++++++++++++++++++++""")
        n=int(input("""Want To Continue:
            Yes: 1
            NO: 2
            OPTION: """ ))
        if n==1:
```

```
            ADD()
        if n==2:
            Staff()


def NewStaff():
    fname=str(input("Enter Fullname:"))
    gender=str(input("Gender(M/F/O):"))
    age=int(input("Age:"))
    phno=int(input("Staff phone no.:"))
    add=str(input("Address:"))

    C.execute(("INSERT INTO staff_details
values('{}','{}',{},{},'{}')".format(fname,gender,age,phno,add)))
    DB.commit()

    print("""++++++++++++++++++++++++++++++
            +STAFF IS SUCCESSFULLY ADDED+
        ++++++++++++++++++++++++++++++""")

    n=int(input("""Want To Continue:
                Yes: 1
                NO: 2
                OPTION: """ ))
    if n==1:
        NewStaff()
    if n==2:
        Staff()
```

```
def RemoveStaff():
    n=(input("Staff Name to Remove: "))
    C.execute("DELETE FROM staff_details WHERE Name=('{}') ".format(n))
    DB.commit()
    print("Above Employee is promoted to Customer")
    n=int(input("""Want To Continue:
                Yes: 1
                NO: 2
                OPTION: """ ))
    if n==1:
        RemoveStaff()
    if n==2:
        Staff()


def StaffDetailfS():
    spl_statement= "Select * from staff_details"
    C.execute(spl_statement)
    output =C.fetchall()
    for x in output:
        print("************************************")
        print("Name of Employ:", x[0])
        print("Gender of Employ:", x[1])
        print("Age of Employ:", x[2])
        print("Phone No of Employ", x[3])
        print("Address of Employ:", x[4])
        print("************************************")
```

```
    n=int(input("""Want To Continue:
                    Yes: 1
                    NO: 2
                    OPTION: """ ))
    if n==1:
        StaffDetail()
    if n==2:
        Staff()

def SellRec():
    C.execute("select * from sell_rec")
    for u in C:
        print("*********************************************")
        print("Buyer Name: ",u[0])
        print("Buyer Mobile Number: ",u[1])
        print("Book Purchased: ",u[2])
        print("Quantity Brought: ",u[3])
        print("Price of Book: ",u[4])
        print("*********************************************")
    n=int(input("""Want To Continue:
                    Yes: 1
                    NO: 2
                    OPTION: """ ))
    if n==1:
        SellRec()
    if n==2:
        Staff()
```

```
def DelRec():
    bb=input("Are you sure(Y/N):").upper()
    if bb=="Y":
        C.execute("delete from sell_rec")
        DB.commit()
    n=int(input("""Want To Continue:
                Yes: 1
                NO: 2
                OPTION: """ ))
    if n==1:
        DelRec()
    if n==2:
        Staff()

def TotalIncome():
    C.execute("select sum(price) from sell_rec")
    for x in C:
        print("Total Sell Till Date",x)
    n=int(input("""Want To Continue:
                Yes: 1
                NO: 2
                OPTION: """ ))
    if n==1:
        TotalIncome()
    if n==2:
        Staff()
```

```
def AvailablefS():
    C.execute("select * from available_books order by bookname")

    for v in C:
        print("**************************************************")
        print("Book Name: ",v[0])
        print("Book Genre: ",v[1])
        print("Book Available: ",v[2])
        print("Book Author: ",v[3])
        print("Publication House: ",v[4])
        print("Book Price:  ", v[5])
        print("**************************************************")
    n=int(input("""Want To Continue:
                Yes: 1
                NO: 2
                OPTION: """ ))
    if n==1:
        AvailablefS()
    if n==2:
        Staff()

#*************************************BUYER
FUNCTION*******************************************

def AvailablefU():
    C.execute("select * from available_books order by bookname")
```

```
    for v in C:
        print("*****************************************************")
        print("Book Name: ",v[0])
        print("Book Genre: ",v[1])
        print("Book Available: ",v[2])
        print("Book Author: ",v[3])
        print("Publication House: ",v[4])
        print("Book Price:  ", v[5])
        print("*****************************************************")
    n=int(input("""Want To Continue:
                    Yes: 1
                    NO: 2
                    OPTION: """ ))
    if n==1:
        AvailablefU()
    if n==2:
        Buyer()


def StaffDetailfU():
    spl_statement= "Select * from staff_details"
    C.execute(spl_statement)
    output =C.fetchall()
    for x in output:
        print("************************************")
        print("Name of Employ:", x[0])
        print("Gender of Employ:", x[1])
```

```
        print("Age of Employ:", x[2])
        print("Phone No of Employ", x[3])
        print("Address of Employ:", x[4])
        print("************************************")
    n=int(input("""Want To Continue:
                Yes: 1
                NO: 2
                OPTION: """ ))
    if n==1:
        StaffDetailfU()
    if n==2:
        Buyer()

def Purchase():
        print("AVAILABLE BOOKS...")
        C.execute("select * from available_Books ")
        for i in C:
            print("**************************************************")
            print("Book Name: ",i[0])
            print("Book Genre: ",i[1])
            print("Book Available: ",i[2])
            print("Book Author: ",i[3])
            print("Publication House: ",i[4])
            print("Book Price:  ", i[5])
            print("**************************************************")
```

```
        cusname=str(input("Enter customer name:"))
        phno=int(input("Enter phone number:"))
        book=str(input("Enter Book Name:"))
        price=int(input("Enter the price:"))
        n=int(input("Enter quantity:"))
        C.execute("select quantity from available_books where bookname='"+book+"'")
        k=C.fetchone()

        if max(k)<n:
            print(n,"Books are not available!!!!")
        else:
           C.execute("select bookname from available_books where bookname='"+book+"'")
           log=C.fetchone()

           if log is not None:
               C.execute("insert into Sell_rec
values('"+cusname+"','"+str(phno)+"','"+book+"','"+str(n)+"','"+str(price)+"')")
               C.execute("update Available_Books set quantity=quantity-'"+str(n)+"' where
BookName='"+book+"'")
               DB.commit()
               print("""++++++++++++++++++++++
                     ++BOOK HAS BEEN SOLD++
                     ++++++++++++++++++++++""")
           else:
              print("BOOK IS NOT AVAILABLE!!!!!!!")

           n=int(input("""Want To Continue:
```

```
            Yes: 1
            NO: 2
            OPTION: """ ))
        if n==1:
          Purchase()
        if n==2:
         Buyer()


def UsingName():
        o=input("Enter Book to search:")

        C.execute("select bookname from available_books where bookname ='"+o+"'")
        t=C.fetchone()

        if t != None:
                print("""++++++++++++++++++++
                    ++BOOK IS IN STOCK++
                    ++++++++++++++++++++""")
        else:
                print("BOOK IS NOT IN STOCK!!!!!!!")

        n=int(input("""Want To Continue:
            Yes: 1
            NO: 2
            OPTION: """ ))
        if n==1:
```

```
            UsingName()
        if n==2:
            Buyer()


def UsingGenre():
    g=input("Enter genre to search:")
    C.execute("select genre from available_books where genre= '"+g+"'")
    poll=C.fetchall()
    if poll is not None:
                print("""++++++++++++++++++++
                    ++BOOK IS IN STOCK++
                    ++++++++++++++++++++""")

                C.execute("select * from available_books where genre='"+g+"'")

                for y in C:
                    print("*****************************************")
                    print("Book Name: ",y[0])
                    print("Book Genre: ",y[1])
                    print("Quantity Available: ",y[2])
                    print("Book Author", y[3])
                    print("Book Publication: ",y[4])
                    print("Book Price: ", y[5])
                    print("*****************************************")

                else:
```

```
                print("BOOKS OF SUCH GENRE ARE NOT AVAILABLE!!!!!!!!!")

    n=int(input("""Want To Continue:
            Yes: 1
            NO: 2
            OPTION: """ ))
    if n==1:
            UsingGenre()
    if n==2:
            Buyer()

def UsingAuthor():
        o=input("Enter Book's Author to search:")

        C.execute("select bookname from available_books where Author ='"+o+"'")
        t=C.fetchone()

        if t != None:
            print("""++++++++++++++++++++
                ++BOOK IS IN STOCK++
                ++++++++++++++++++++""")
        else:
            print("BOOK IS NOT IN STOCK!!!!!!!")

        n=int(input("""Want To Continue:
            Yes: 1
            NO: 2
```

```
            OPTION: """ ))
        if n==1:
            UsingGenre()
        if n==2:
            Buyer()

def Staff():
    print(""" 1:Add Books
            2.Staff Details
            3.Sell Record
            4.Total Income after the Latest Reset
            5. See Available Book
            6. Exit""")

    n=int(input("Enter Your Choice: "))

#To Add Books into the database
    if n==1:
        ADD()

#Choice For New Staff, Fire staff, View Staff
    if n==2:
        print("""1:New staff entry)
            2:Remove staff
            3:Existing staff details""")

        ch=int(input("Enter your choice: "))
```

```
#NEW STAFF ENTRY
            if ch==1:
                NewStaff()

#REMOVE STAFF

            if ch==2:
                RemoveStaff()

#EXISTING STAFF DETAILS
            if ch==3:
                StaffDetail()

#To See Selling histroy & altering it
        if n==3:
            print("""1:Sell history details
                 2:Reset Sell history""")

            ty=int(input("Enter your choice:"))

            if ty==1:
                SellRec()
            if ty==2:
                DelRec()

#To view total Total Income
```

```
        if n==4:
            TotalIncome()

#Viewing Available Book As Staff
        if n==5:
            AvailablefS()

#Break
        if n==6:
            return

def Buyer():

#USER Choices

        print("""1.Purchase Books
              2.Search Books
              3.Available Books
              4.Staff Details
              5. Exit""")

        r=int(input("Enter Your Choice: "))

#TO PURCHASE BOOK

        if r==1:
            Purchase()
```

```
#Searching of books using Name,Genre,Author

    if r==2:
        print("""1:Search by name
                 2:Search by genre
                 3:Search by author""")

        l=int(input("Search by What : "))

#Searching Using Name of Book
        if l==1:
            UsingName()

#Searching Using Genre of Book
        if l==2:
            UsingGenre()
#Searching Using Author Name
        if l==3:
            UsingAuthor()

#To See Available Books

    if r==3:
        AvailablefU()

#To See Present Staff Details
```

```
        if r==4:
            StaffDetail()

#MAIN PROGRAM


print("**********************************************Welcome To Book
Store**************************************************")
while 1:

    a=int(input("""Enter as Employee: 1
                   Enter as User: 2
                   Exit : 3
                   Enter : """ ))

    if a==1:
            Staff()

    if a==2:
        print('''''**********BOOK SHOP**********
           1. Signup
           2. login''')
        s=int(input("Enter Your Choice: "))

#Sign-Up

        if s==1:
```

```
        user_name=input("USERNAME(ex: abcd1234): ")
        password=input("PASSWORD: ")

        C.execute("insert into signup values('"+user_name+"','"+password+"')")
        DB.commit()

        print("Sign Up Completed")

#Log in

    else:
        user2= input("Enter Your Username: ")
        C.execute("select username from Signup where username='"+user2+"'")
        b=C.fetchone()
        b1=input("Enter Your Password: ")
        C.execute("select password from signup where password='"+b1+"'")
        a2=C.fetchone()
        if a2 is not None:
            print("************************Login Success********************")

    Buyer()
if a==3:
    break
```

Database Table

1.Table Signup with all entries.

```
mysql> select * from signup;
+----------+------------+
| username | password   |
+----------+------------+
| Ashish12 | Ash123     |
| Ritu678  | 09876oiu   |
| User123  | poklju     |
| Saroj    | 1096       |
| Jamal123 | po09iu87   |
| mohan    | 787906     |
| Giyan124 | lkjjpio900 |
+----------+------------+
7 rows in set (0.03 sec)
```

2. Table available_books with all entries.

```
mysql> select * from available_books;
+-----------------------+---------------+----------+-----------------+----------------------+-------+
| BookName              | Genre         | Quantity | Author          | Publication          | Price |
+-----------------------+---------------+----------+-----------------+----------------------+-------+
| Chemistry Made Easy   | Educational   |       70 | V. Anita Kumari | KVB                  |   850 |
| CS made Easy          | Educational   |       80 | SK mishra       | KV BErhampur         |   900 |
| Diary of Young Girl   | Biography     |       60 | Anne Frank      | Book Club            |   220 |
| English Made Easy     | Educational   |       50 | Manisha Menon   | KVB                  |    70 |
| Half the Field is Mine | Fiction      |       69 | Swati Sengupta  | Scholastic           |   195 |
| Harry Ptter 1         | Super Natural |       50 | J.K. Rowling    | Bloomsbury           |   360 |
| Harry Ptter 2         | Super Natural |       49 | J.K. Rowling    | Bloomsbury           |   390 |
| Harry Ptter 3         | Super Natural |       50 | J.K. Rowling    | Bloomsbury           |   400 |
| Harry Ptter 4         | Super Natural |       50 | J.K. Rowling    | Bloomsbury           |   450 |
| Harry Ptter 5         | Super Natural |       50 | J.K. Rowling    | Bloomsbury           |   550 |
| Harry Ptter 6         | Super Natural |       50 | J.K. Rowling    | Bloomsbury           |   650 |
| Harry Ptter 7         | Super Natural |       50 | J.K. Rowling    | Bloomsbury           |   600 |
| Harry Ptter 8         | Super Natural |       50 | J.K. Rowling    | Bloomsbury           |   670 |
| Intermediate Grammer  | Educational   |       60 | Raymond Murphy  | Cambridge Uni. Press |   120 |
| Karma                 | Motivational  |       79 | Sadh Guru       | Penguin              |   300 |
| Lord of Rings         | Super Natural |       19 | J.R.R. Tolkien  | Houghton Miffin      |   440 |
| The Bicycle Boys      | Murder        |       69 | Shivapriya Dash | Notion Press         |   339 |
| The Kite Runner       | Biography     |       49 | Khaled Hosseini | Bloomsbury           |   150 |
+-----------------------+---------------+----------+-----------------+----------------------+-------+
18 rows in set (0.01 sec)
```

3. Table sell_rec with all entries.

```
mysql> select * from sell_rec;
+--------------------+-------------+-----------------------+----------+-------+
| CustomerName       | PhoneNumber | BookName              | Quantity | Price |
+--------------------+-------------+-----------------------+----------+-------+
| Ashish             | 9876543     | Harry ptter 2         |        1 |   390 |
| Saroj Kanta Mishra | 8637227759  | The Kite Runner       |        1 |   150 |
| Ritu Parna Behera  | 9583112901  | Lord of Rings         |        1 |   440 |
| OP Pattnaik        | 7885507647  | Half the Field is Mine |        1 |   195 |
| Asish Kumar Behera | 8144279875  | The Bicycle Boys      |        1 |   339 |
| Bhupendar          | 9862368410  | Karma                 |        1 |   300 |
+--------------------+-------------+-----------------------+----------+-------+
6 rows in set (0.01 sec)
```

4. Table staff_details with all entries.

```
mysql> select * from staff_details;
+-----------------------+--------+------+-------------+----------------------+
| Name                  | Gender | Age  | PhoneNumber | Address              |
+-----------------------+--------+------+-------------+----------------------+
| Ashish Kumar Satapathy | M      |   17 | 8144037316  | Ambapua,Berhampur    |
|  Ritu Parna Behera     | F      |   18 | 9583112901  | Ankuli,Berhampur     |
| Omm Prakash Pattnaik   | M      |   17 | 7855007647  | Ambapua,Berhampur    |
| Saroj Kanta Misra      | M      |   38 | 8637227759  | Bima Nagar,Berhampur |
+-----------------------+--------+------+-------------+----------------------+
4 rows in set (0.01 sec)
```

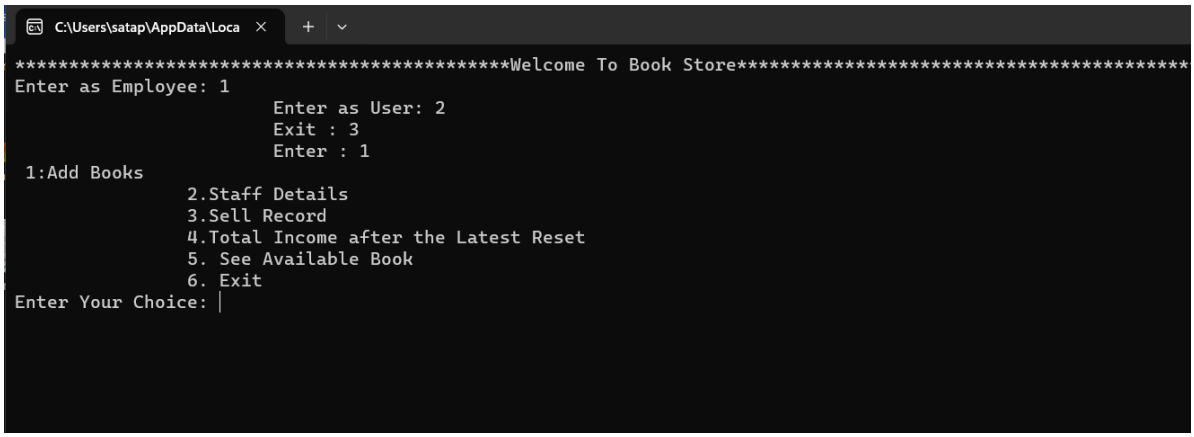
5 All tables under Database book_store.

```
mysql> show tables;
+----------------------+
| Tables_in_book_store |
+----------------------+
| available_books      |
| sell_rec             |
| signup               |
| staff_details        |
+----------------------+
4 rows in set (0.03 sec)
```

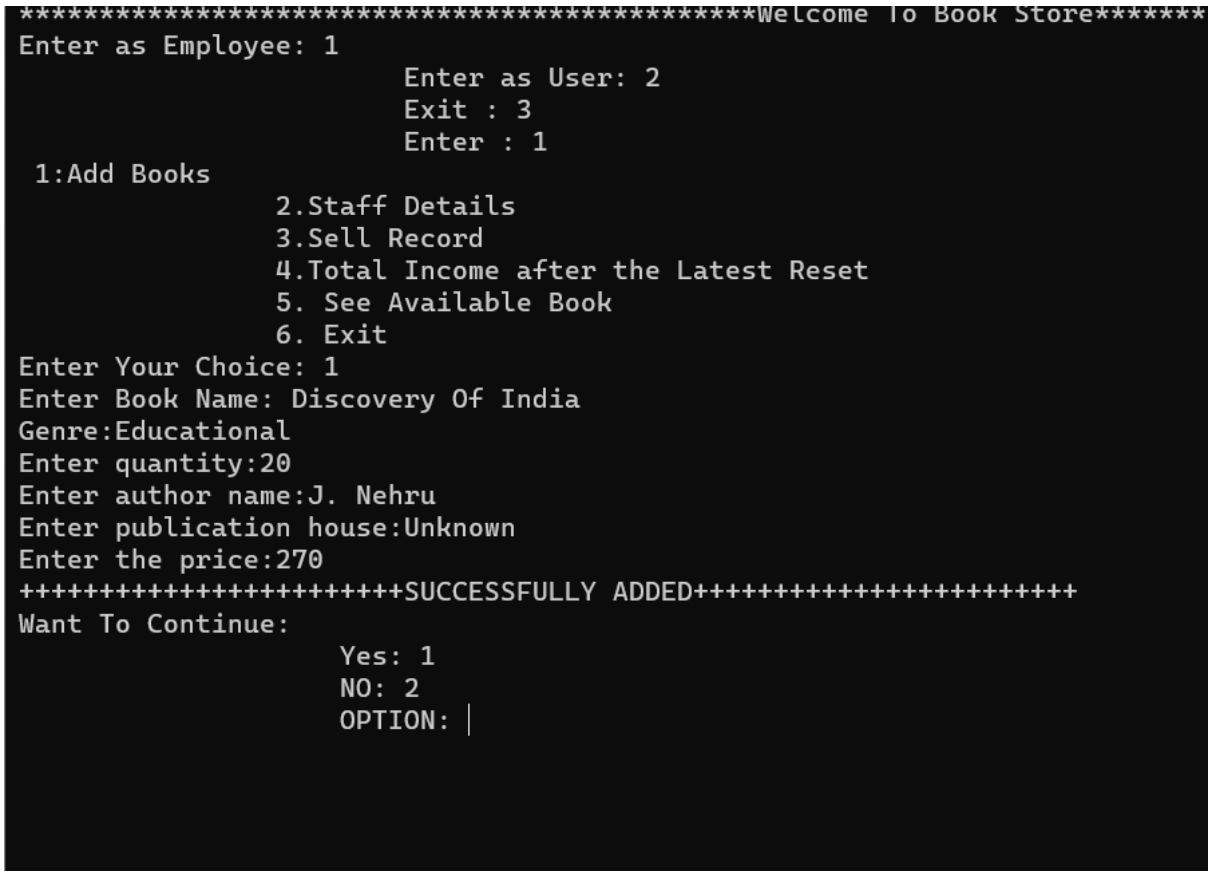
Output

*********Admin*********

1. Home Screen:



2. Add Books:



3. Staff Details:

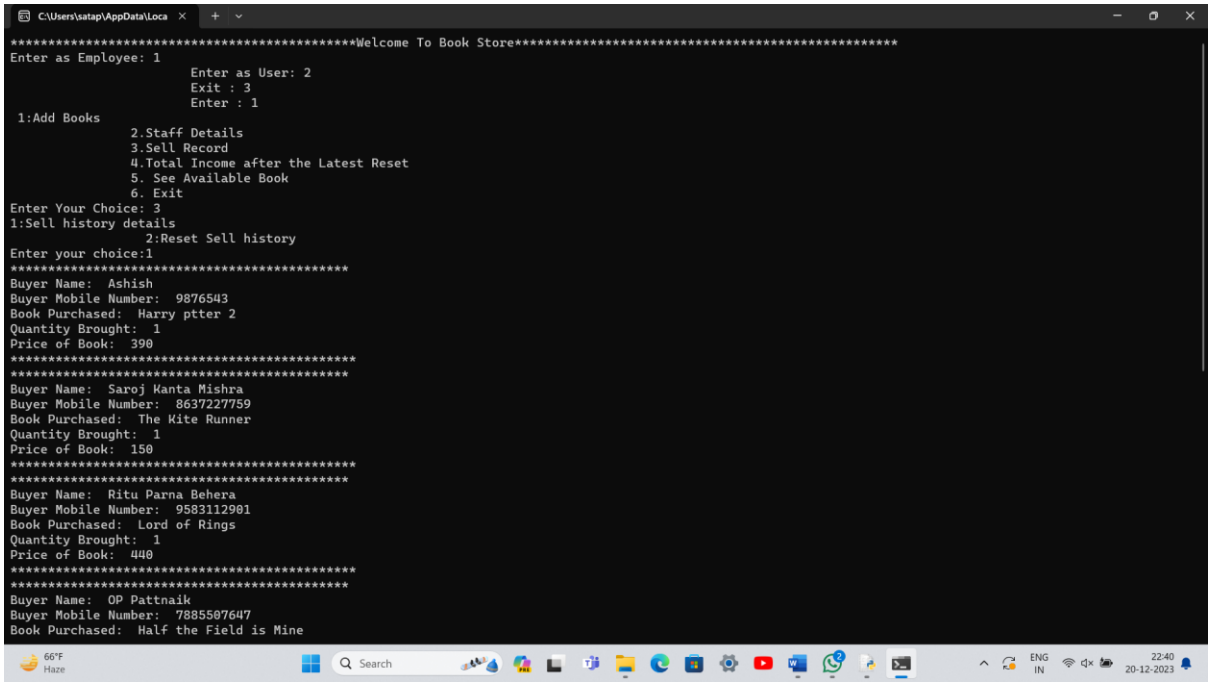
3.1 Add Staff details:

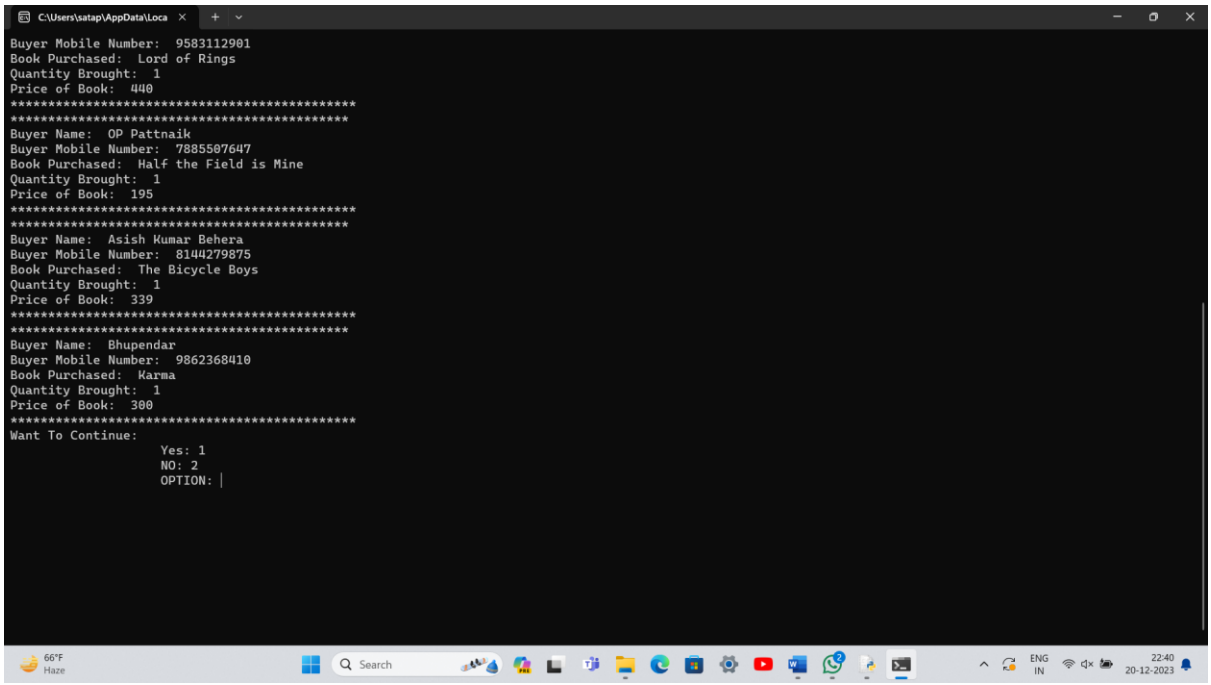
```
 1:Add Books
                2.Staff Details
                3.Sell Record
                4.Total Income after the Latest Reset
                5. See Available Book
                6. Exit
Enter Your Choice: 2
1:New staff entry)
                   2:Remove staff
                   3:Existing staff details
Enter your choice: 1
Enter Fullname:Ashok Desai
Gender(M/F/O):M
Age:41
Staff phone no.:814035986
Address:kamapalli,Berhampur
++++++++++++++++++++++++++++
                +STAFF IS SUCCESSFULLY ADDED+
             ++++++++++++++++++++++++++++
Want To Continue:
                    Yes: 1
                    NO: 2
                    OPTION:
```

3.2 Removal Of Staff:

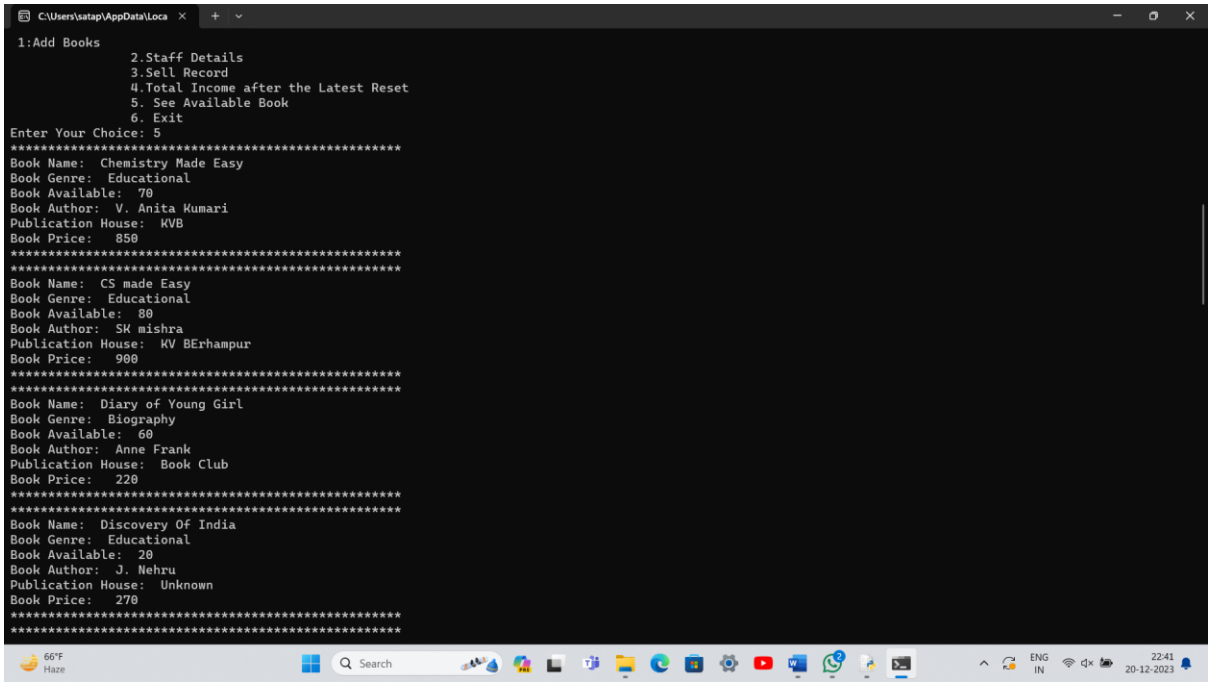
```
 1:Add Books
                2.Staff Details
                3.Sell Record
                4.Total Income after the Latest Reset
                5. See Available Book
                6. Exit
Enter Your Choice: 2
1:New staff entry)
                   2:Remove staff
                   3:Existing staff details
Enter your choice: 2
Staff Name to Remove: Ashok Desai
Above Employee is promoted to Customer
Want To Continue:
                    Yes: 1
                    NO: 2
```

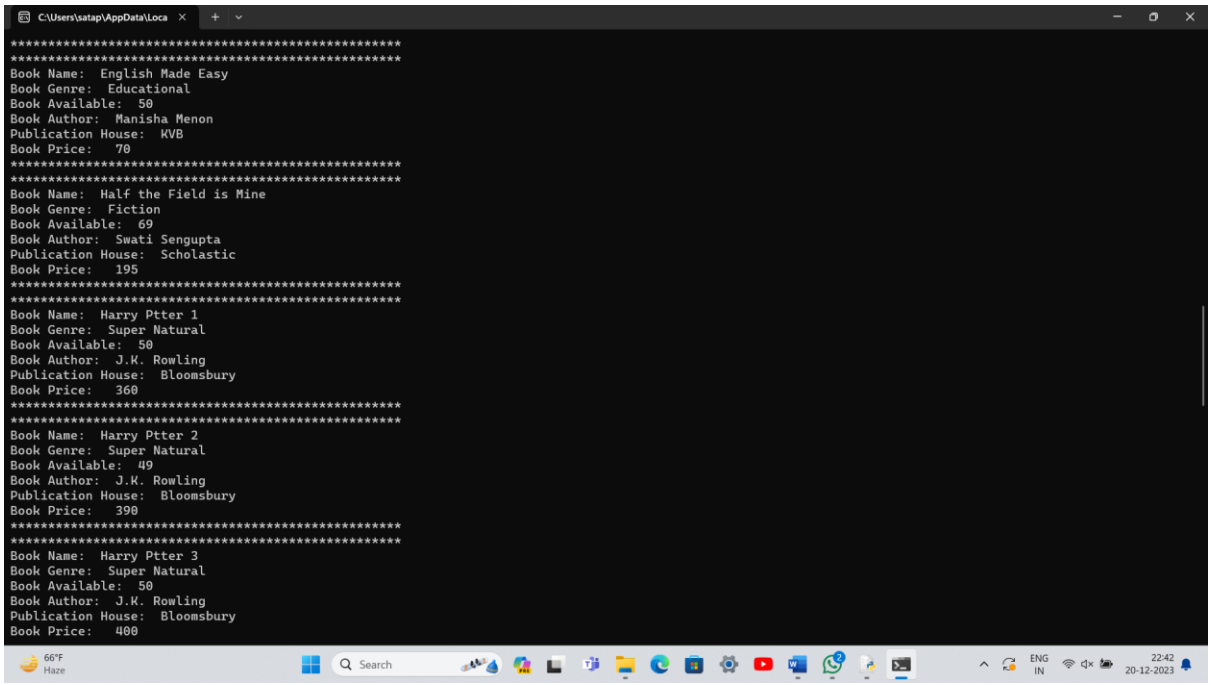
4. Selling History

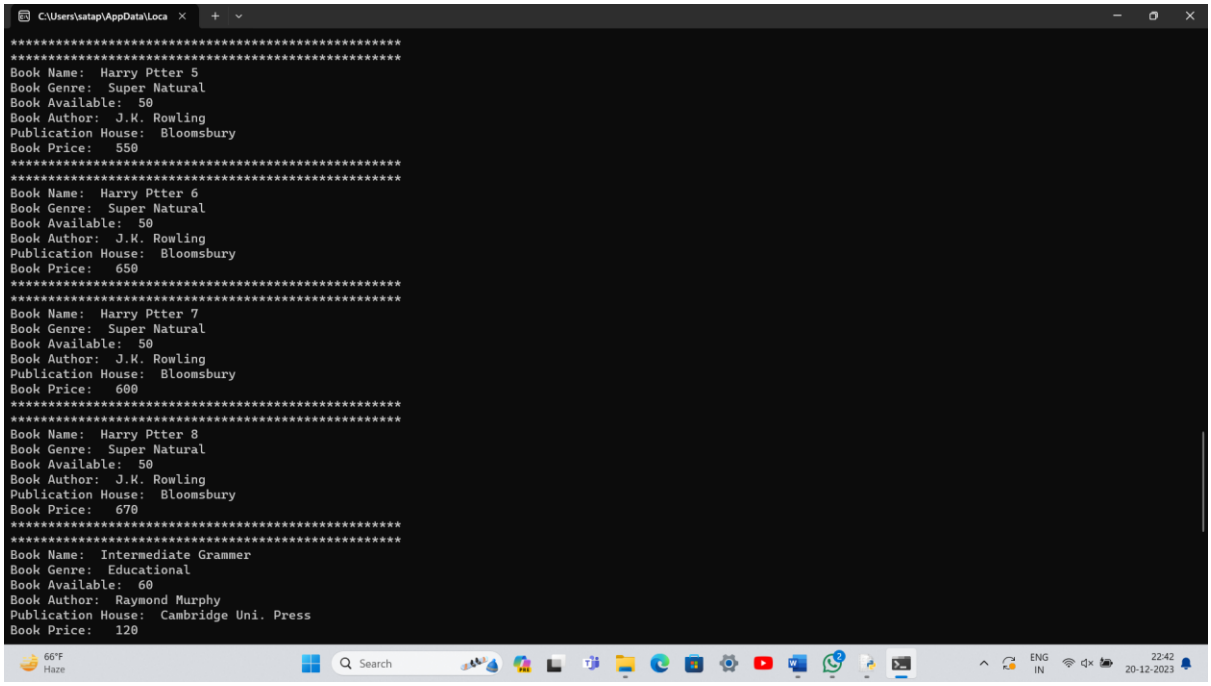




5. Viewing Available Books as Admin



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Book Available: 50
Book Author: J.K. Rowling
Publication House: Bloomsbury
Book Price: 550
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Book Available: 50
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Publication House: Bloomsbury
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Book Price: 600
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Book Price: 670
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Book Author: Raymond Murphy
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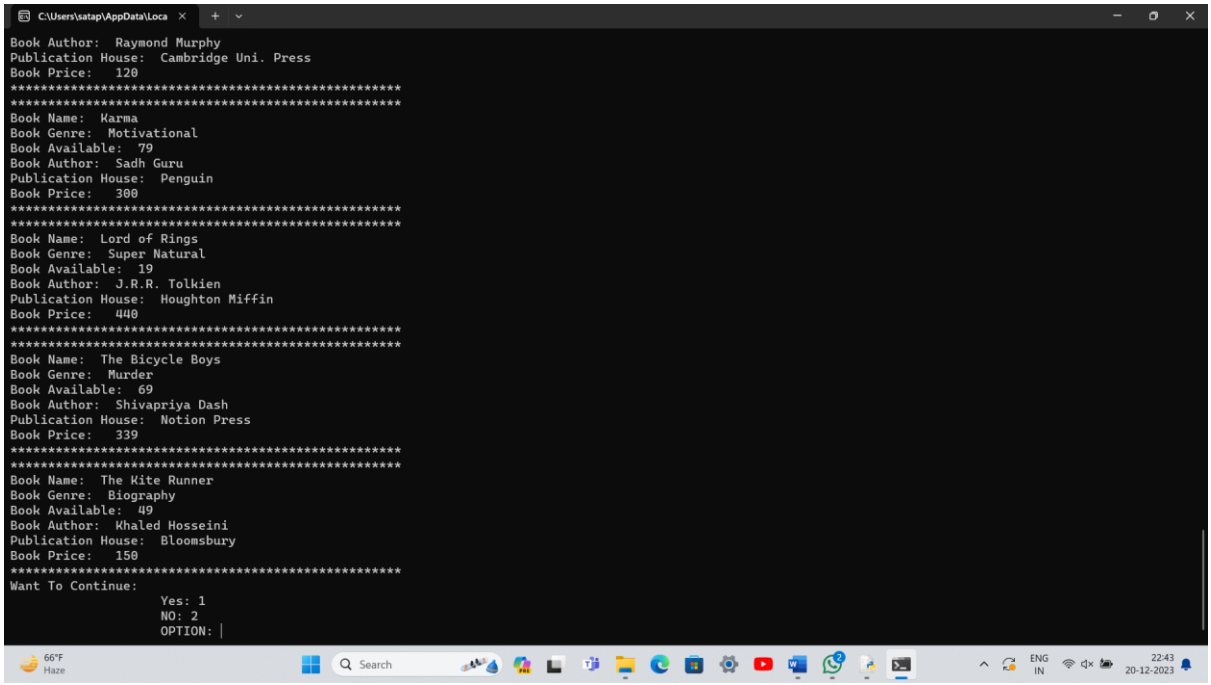
Book Author: Raymond Murphy
Publication House: Cambridge Uni. Press
Book Price: 120
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Book Genre: Super Natural
Book Available: 19
Book Author: J.R.R. Tolkien
Publication House: Houghton Miffin
Book Price: 440
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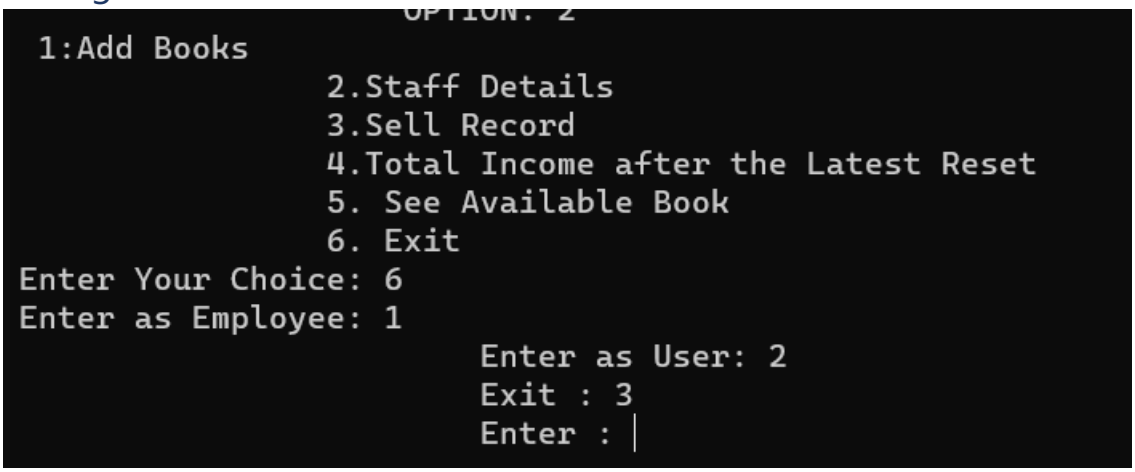
Book Name: The Bicycle Boys
Book Genre: Murder
Book Available: 69
Book Author: Shivapriya Dash
Publication House: Notion Press
Book Price: 339
****
****
Book Name: The Kite Runner
Book Genre: Biography
Book Available: 49
Book Author: Khaled Hosseini
Publication House: Bloomsbury
Book Price: 150
****
Want To Continue:
Yes: 1
NO: 2
OPTION:

6. Exiting Admin Menu



*********Buyer*********

1. Entering into Buyer (User) Menu:

```
Enter as Employee: 1
                        Enter as User: 2
                        Exit : 3
                        Enter : 2
''*****************BOOK SHOP**********************
           1. Signup
           2. login
Enter Your Choice:
```

2. Sign Up

```
''*****************BOOK SHOP**********************
           1. Signup
           2. login
Enter Your Choice: 1
USERNAME(ex: abcd1234): Biophj567
PASSWORD: ABCDabcd@CS!@12
Sign Up Completed
1.Purchase Books
               2.Search Books
               3.Available Books
               4.Staff Details
               5. Exit
Enter Your Choice:
```

3. Login

```
**********************************************Welcome To Book Store*****
Enter as Employee: 1
                       Enter as User: 2
                       Exit : 3
                       Enter : 2
''*****************BOOK SHOP*********************
           1. Signup
           2. login
Enter Your Choice: 2
Enter Your Username: Ashish12
Enter Your Password: Ash123
************************Login Success*********************
1.Purchase Books
               2.Search Books
               3.Available Books
               4.Staff Details
               5. Exit
Enter Your Choice:
```

4. Purchasing a Book:

```
Enter customer name:Ashish
Enter phone number:8917286841
Enter Book Name:Lord of Rings
Enter the price:440
Enter quantity:1
++++++++++++++++++++++
                            ++BOOK HAS BEEN SOLD++
                            ++++++++++++++++++++++
Want To Continue:
                    Yes: 1
                    NO: 2
                    OPTION:
```

5. Searching Books:

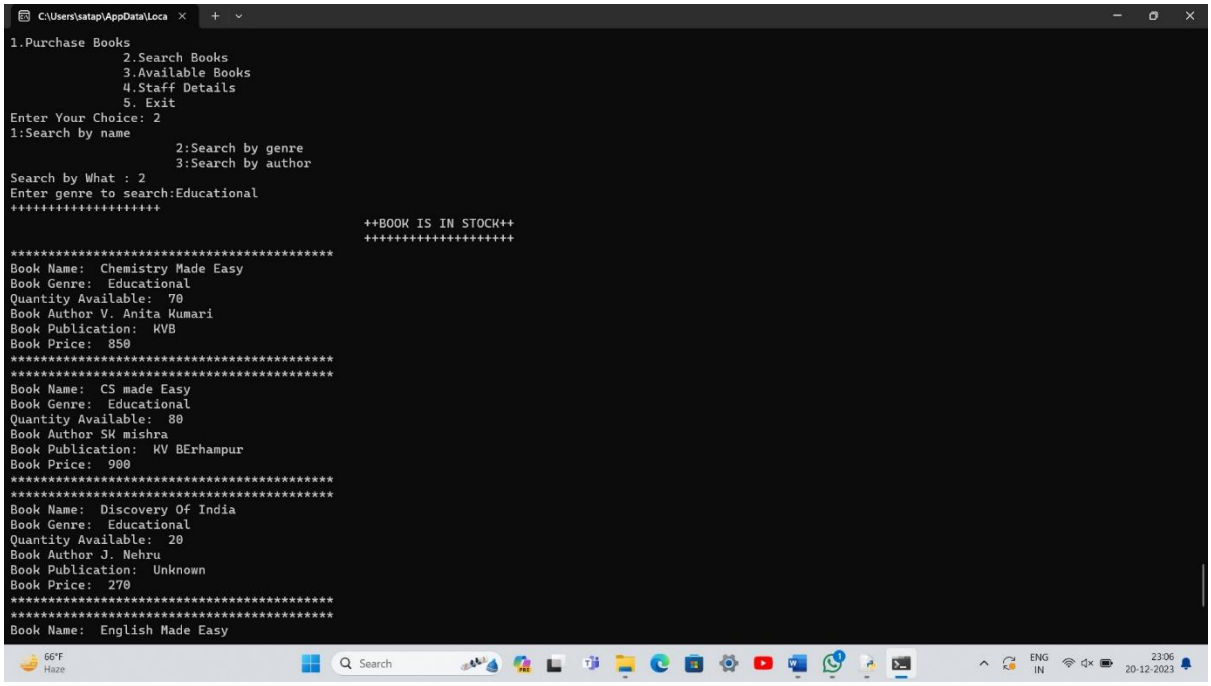
5.1: Using Name:

```
1.Purchase Books
               2.Search Books
               3.Available Books
               4.Staff Details
               5. Exit
Enter Your Choice: 2
1:Search by name
                     2:Search by genre
                     3:Search by author
Search by What : 1
Enter Book to search:The Kite Runner
++++++++++++++++++++
                                ++BOOK IS IN STOCK++
                                ++++++++++++++++++++
Want To Continue:
                   Yes: 1
                   NO: 2
                   OPTION:
```

5.2: Using Author:

```
                   OPTION: 2
1.Purchase Books
               2.Search Books
               3.Available Books
               4.Staff Details
               5. Exit
Enter Your Choice: 2
1:Search by name
                     2:Search by genre
                     3:Search by author
Search by What : 3
Enter Book's Author to search:J.K. Rowling
++++++++++++++++++++
                                ++BOOK IS IN STOCK++
                                ++++++++++++++++++++
Want To Continue:
                   Yes: 1
                   NO: 2
                   OPTION:
```

5.3: Using Genre:




```
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*****************************************
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Book Genre:  Educational
Quantity Available:  80
Book Author SK mishra
Book Publication:  KV BErhampur
Book Price:  900
*****************************************
*****************************************
Book Name:  Discovery Of India
Book Genre:  Educational
Quantity Available:  20
Book Author J. Nehru
Book Publication:  Unknown
Book Price:  270
*****************************************
*****************************************
Book Name:  English Made Easy
Book Genre:  Educational
Quantity Available:  50
Book Author Manisha Menon
Book Publication:  KVB
Book Price:  70
*****************************************
*****************************************
Book Name:  Intermediate Grammer
Book Genre:  Educational
Quantity Available:  60
Book Author Raymond Murphy
Book Publication:  Cambridge Uni. Press
Book Price:  120
```

Reference

- Computer Science with Python Class XI by Sumita Arora
  Computer Science with Python Textbook for Class 11 : Sumita Arora: Amazon.in: Books
- Computer Science with Python Class XII by Sumita Arora
  Progress In Computer Science With Python... by Sumita Arora (amazon.in)
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