

In [1]:

```
import random
import csv
filename='database.csv'

def BuyerLogin():
    print("BUYER LOGIN PORTAL")
    username=input('Enter userid:')
    password=input('Enter password:')
    with open(filename,'r') as file:
        data=csv.reader(file)
        datals=list(data)
        for row in datals:
            if username==row[0] and password==row[2] and row[4]=='buyer':
                BuyerMenu()

def BuyerMenu():
    print('-'*48)
    print("BuyerMenu")
    print("0.Exit")
    print("1.search")
    option=eval(input("give your choice to proceed further:"))
    print('#'*48)
    if option==0:
        menu()
    elif option==1:
        SearchComics()
    else:
        pass

def SearchComics():
    print('search comics\n','-'*48)
    print('-'*48)
    print("BuyerMenu")
    print("0.search by comicInfo")
    print("1.search by Language")
    print("2.search by Category")
    option=eval(input("give your choice to proceed further:"))
    print('#'*48)
    ComicInfo,comicLanguage,comicCategory='', '', ''
    if option==0:
        ComicInfo=input('Enter comic info:')
    elif option==1:
        comicLanguage=input('Enter comic language:')
    elif option==2:
        comicCategory=input('Enter comic category:')
    with open('comic.csv','r') as file:
        csvread=csv.reader(file)
        ls=list(csvread)
        result=[i for i in ls if ComicInfo in i or comicLanguage in i or comicCategory in i]
        if len(result)>0:
            for i in list(result):
                print(f'{{i[0]}}{{i[1]}}{i[2]},i[3],i[4],i[5],i[6],i[7]}')
    print('Comic uploaded')

def SellerLogin():
    print("SELLER LOGIN PORTAL")
    username=input('Enter userid:')
    password=input('Enter password:')
    with open(filename,'r') as file:
        data=csv.reader(file)
        datals=list(data)
        for row in datals:
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        if username==row[0] and password==row[2] and row[4]=='seller':
            SellerMenu()
def SellerMenu():
    print('-'*48)
    print("SellerMenu")
    print("0.Exit")
    print("1.upload")
    option=eval(input("give your choice to proceed further:"))
    print('#'*48)
    if option==0:
        menu()
    elif option==1:
        UploadComics()
    else:
        pass
def UploadComics():
    print('-'*48)
    print('upload comics')
    print('-'*48)
    ComicInfo=input('Enter the information of the comic:')
    ComicPrice=input('Enter the comic Price:')
    comicAuthor=input('Enter the author name:')
    comicDescription=input('Enter a short description:')
    comicStoryline=input('Enter comic storyline:')
    comicContent=input('Enter comic content:')
    comicLanguage=input('Enter comic language:')
    comicCategory=input('Enter category:')
    with open('comic.csv','a',newline='') as file:
        csvwrite=csv.writer(file)
        csvwrite.writerow([ComicInfo,ComicPrice,comicAuthor,comicDescription,comicStoryline,comicContent,comicLanguage,comicCategory])
    print('Comic uploaded')
def CreateUser():
    userid=random.randint(0,1000)
    name=input("Enter name:")
    password=input("Enter password:")
    language=input("Enter language:")
    roll=input('enter buyer/seller:')
    with open(filename,'a',newline='') as file:
        csvwriter = csv.writer(file)
        csvwriter.writerow([userid,name,password,language,roll])
    print("user created")
    print(f"Your Id is:{userid}")
def menu():
    print('-'*48)
    print("Menu")
    print("0.Exit")
    print("1.Buyer")
    print("2.Seller")
    print("3.New User")

    option=eval(input("give your choice to proceed further:"))
    print('-'*48)
    return option
while True:

    option=menu()
    if option==0:
        break
    elif option==1:
        BuyerLogin()
    elif option==2:

```

```
        SellerLogin()
    elif option==3:
        CreateUser()
    else:
        pass
```

Menu

0.Exit

1.Buyer

2.Seller

3.New User

give your choice to proceed further:1

BUYER LOGIN PORTAL

Enter userid:306

Enter password:manoj

BuyerMenu

0.Exit

1.search

give your choice to proceed further:1

search comics

BuyerMenu

0.search by comicInfo

1.search by Language

2.search by Category

give your choice to proceed further:1

Enter comic language:english

marvel 100 james crime thriller fight english scifi

dc 100 james crime thriller fight english scifi

warnerbros 100 james crime thriller fight english scifi

jkrowling 100 james crime thriller fight english scifi

pixer 100 james crime thriller fight english scifi

Comic uploaded

Menu

0.Exit

1.Buyer

2.Seller

3.New User

give your choice to proceed further:0