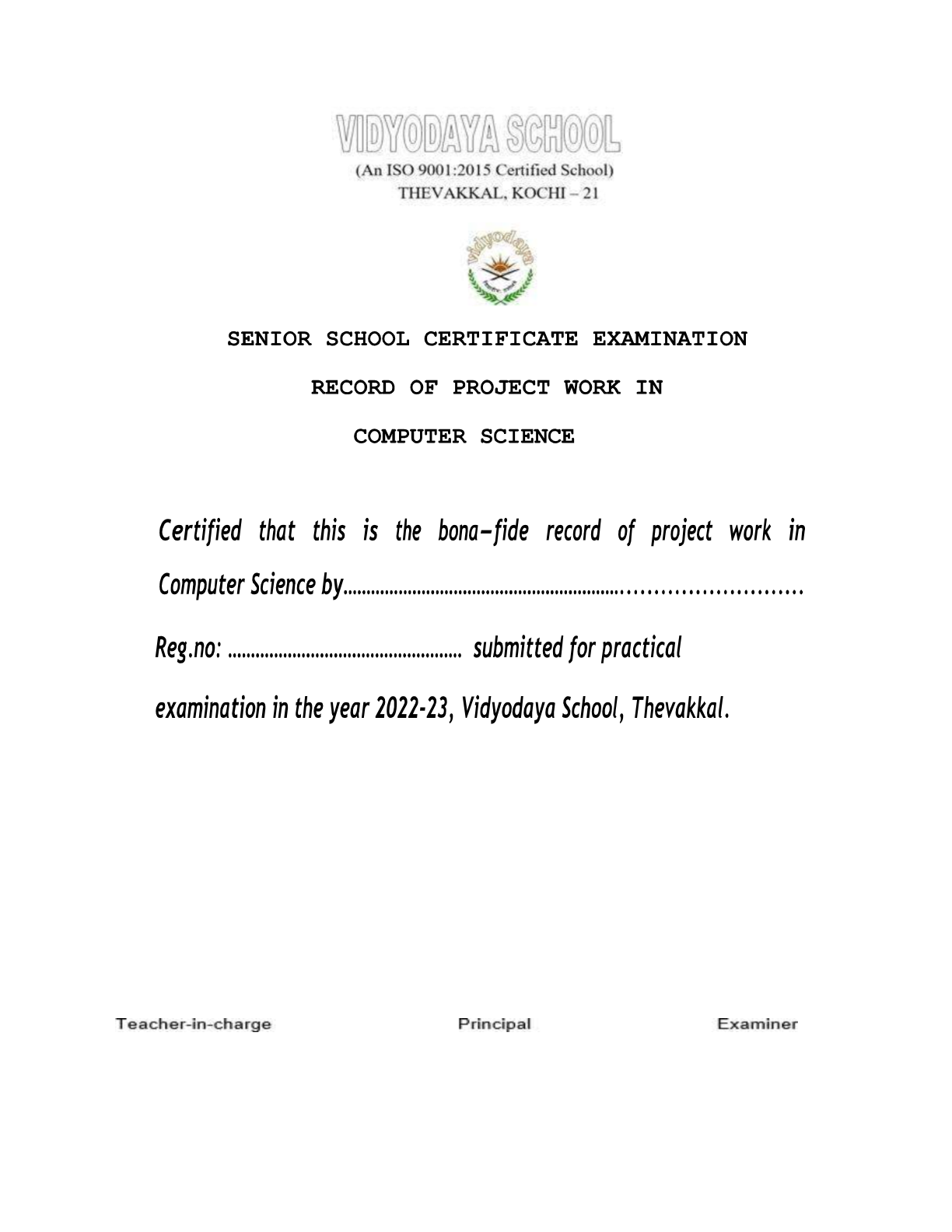
**AMAJON** 

# 

**By John Yohan Skaria**

**XII A**



# ACKNOWLEDGEMENT

I would like to thank project ………………………………….

,,,,,,,,,,,,,,,,,,,,,,,would not be what it is today.

I extend my sincere gratitude to my teacher Poornima Ravindran, parents and friends without whose constant support this project would not have been a great success.

Apart from the efforts taken by me, the success of any project depends largely on the encouragement and guidelines of many others. I take this opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project.

# TEAM MEMBERS

1. Abhijith G
2. Noel Rajiv

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**INTRODUCTION TO PYTHON AND SQL**

### Python :



Python is a popular general-purpose programming language that can be used for a wide variety of applications. It includes high-level data structures, 6 dynamic typing, dynamic binding, and many more features.

First developed in the late 1980s by Guido van Rossum, Python has advanced as an open source programming language by managing public discussion through Python Enhancement Proposals (PEPs).

Python has an enormous user community. Python's popularity is both a cause and an effect of its community. It was the #1 programming language in 2018, according to the IEEE Spectrum ranking, and it is the #1 "Most Wanted" and #2 "Most Loved" language, according to StackOverflow's 2019 Developer Survey.

### SQL :



SQL stands for Structured Query Language. SQL is used to communicate with a database.

According to ANSI (American National Standards Institute), it is the standard language for relational database management systems. SQL statements are used to perform tasks such as update data on a database, or retrieve data from a database.

Some common relational database management systems that use SQL are: Oracle, Sybase, Microsoft SQL Server, Access, Ingres, etc.

**OUR PROJECT**

Our aim with, this project is create a platform which brings consumers and retailers to one place. Here the consumers can login onto their accounts search for their things they need and get results based on availability stock of product, most reviewed product etc. If you are a retailer then you must micro manage things like availability of products, customer complaints etc. Through this project we aim to replicate services like amazon with the help python and mysql and through which we would be able to understand the inner workings of systems like these

**Tables Created**

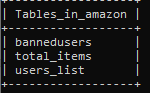
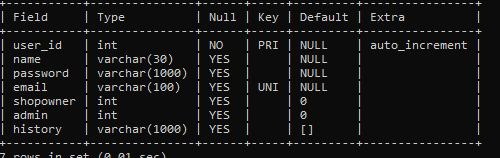
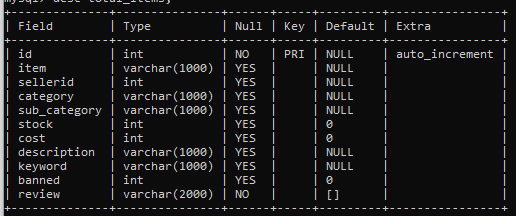


Table structure

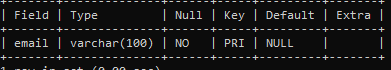
1)Table users\_list



2) Table total\_items



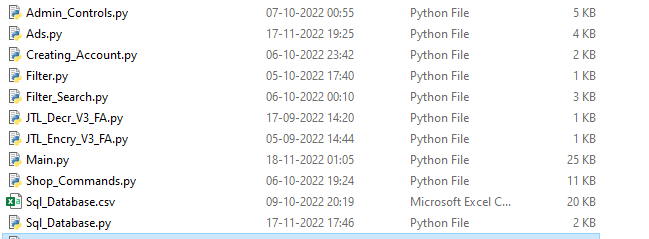
3) Tabel bannedusers



**Modules And Functions Used**

# Modules Used

All The Different Modules Are Listed Below



1) -Admin Controls.py

2) -Ads-py

3) -Creating Account.py

4) -Filter.py

5) -Filter Search.py

6) -JTL Decr\_V3\_FA.py

7) -JTL\_Encry\_V3\_FA.py

8) -Main.py

9) -Shop Commands.py

10) -Sql Database.py

# Functions Used

# Admin Only Functions

1)admincursor()-Used to create the admin cursor object

2)grantadmin()-Used to grant admin access to a normal user

3)removeadmin()-Used to remove a admin from admin status

4)banuser()-Used to ban a user

5)unbanu()-Used to unban a user

6)deleteuser()-Used to delete a user from the system

7)admin\_controls()-This function is used to enter admin menu

8)adminlogo()-Used to print the admin logo

**Admin And User Command**

1) checkdatabase()-Used to check if database amazon exist if not it would create it and would create the required tables for this project to run

2)setaddress()- Used to set the shipping address

3) def paymentmethod()-Used to select payment method

4)searchview()-Used to display how items should come when searched using either filter search or normal search

All functions such as select item is done using this function

5)searchingforitem()-Used to get which search method is used to get an item

6 ) storemenu()-Used to get to one’s store menu and perform various operation like adding items etc

7) productintable()-Used to get item a user is selling a tabular format

8) seefull()-Used to get a closer look onto the details of a item

9) additem()-This allows a user to sell an item

10) modify()-Used to modify the details of a item

11)loginandsignin()-Used to sign and login into one respective

accounts

12) filters()-Used to apply filter search

13)cateandsub()- Used to get category and sub-category for filter search

14)ad1()-Used to get an ad while searching

15)ad2()-Used to get ad2 while searching

16)ad3()-Used to get ad3

17)ad4()-Used to get ad4

18)ad5()-Used to get ad5

17)ad6()-Used to get ad6

18)ad7()-Used to get ad7

19)ad()-Used To Generate A Random Ad

20)shoplogo()-Used to display your shop logo

21) searchlogo()-Used to display search logo

22)reviewlogo()-Used to display review logo’s

23) encry()-Used to encrypt passwords

24)ran()-Used to get the keys for encryption

25) decrypt()-Used to decrypt

26) decr()-Used to get the keys for decryption

**Functions Only For Users**

1)loggedin()-Used to log in onto normal user account

2)profilelogo()-Used to display profile logo

3)logo()-Used to display amajon logo

4)signin()-Used to create a new account

5)myorder()-Used to see the last 10 orders of the user

**Source Code**

**Module 1)**

**Sql\_Database.py**

import mysql.connector as mysql

import csv

sql = mysql.connect(user="root", host="localhost", password="Arduino1")

cursor = sql.cursor()

f = open("Sql\_Database.csv", "r")

def checkdatabase():

cursor.execute("show databases")

m = cursor.fetchall()

if ("amazon",) not in m:

cursor.execute("create database amazon")

cursor.execute("use amazon")

cursor.execute("Create Table Users\_List(user\_id integer auto\_increment primary key,name varchar(30),password varchar(1000),email varchar(100) unique,shopowner integer default 0,admin integer default 0,history varchar(1000) default '[]')")

cursor.execute("Create Table bannedusers(email varchar(100) primary key)")

cursor.execute("insert Into Users\_List(name,password,email,shopowner,admin) values('elza','1425^193 107^-102 94^-201 87^182 101^-141 117^131 -1090^-103 970^103','admin101@admin1',1,1)")

cursor.execute("Create Table total\_items(id integer auto\_increment primary key,item varchar(1000),sellerid integer,category varchar(1000),sub\_category varchar(1000),stock integer default 0,cost integer default 0,description varchar(1000),keyword varchar(1000),banned integer default 0,review varchar(2000) not null default '[]')")

re = csv.reader(f)

for g in re:

if g[0] != "item":

item = g[0]

seller = int(g[1])

cat = g[2]

subc = g[3]

stock = int(g[4])

cost = int(g[5])

des = g[6]

key = g[7]

ban = g[8]

cursor.execute("insert into total\_items (item,sellerid,category,sub\_category,stock,cost,description,keyword,banned) values('{}',{},'{}','{}',{},{},'{}','{}',{})".format(item, seller, cat, subc, stock, cost, des, key, ban))

sql.commit()

checkdatabase()

**Module 2)**

**Filter.py**

def fl(name):

if name.isalnum():

return True

else:

if name == " ":

return True

else:

return False

def af(name):

f = filter(fl, name)

s = ""

for g in f:

s += g

return (s)

**Module 3)  
 JTL\_Encry\_V3\_FA.py**

import random

def ran(x):

s = random.randint(1, 3)

r = random.randint(-20, 20)

while r < 10 and r > -10:

r = random.randint(-20, 20)

if s == 1:

return (x + r, r, s)

if s == 2:

return (x - r, r, s)

if s == 3:

return (x \* r, r, s)

def encry(x):

f = ""

for g in x:

a, n, si = ran(ord(g))

f += str(a) + "^" + str(n) + str(si) + " "

return (f)

**Module 4)**

def decr(s, sign, ad):

ad = ad[: len(ad) - 2]

if sign == 1:

return chr(int(s) - int(ad))

if sign == 2:

return chr(int(s) + int(ad))

if sign == 3:

return chr(int(s) // int(ad))

def decrypt(x):

x += " "

s = ""

ad = ""

n = 0

f = ""

for g in x:

if g == "^":

n = 1

elif n == 0:

s += g

elif n == 1:

ad += g

if g == " ":

n = 0

sign = int(ad[-2])

d = decr(s, sign, ad)

f += str(d)

s = ""

ad = ""

return (f)

**Module 5)**

**Creating\_Account.py**

import mysql.connector as mssign

from Filter import \*

from JTL\_Encry\_V3\_FA import \*

sqsign = mssign.connect(user="root", host="localhost", password="Arduino1")

csign = sqsign.cursor()

csign.execute("use amazon")

def signin(mails, banned):

name = input("Enter Your Name ")

name = af(name)

if len(name) > 3 and len(name) < 30:

password = input("Enter Your Password (All Special Symbols Would Be Removed) ")

password = af(password)

if len(password) > 3 and len(password) < 11:

passe = encry(password)

email = input("Enter Your Mail Id ")

if (email,) not in mails and (email,) not in banned:

if len(email) > 5 and len(email) < 50:

s = "Insert Into Users\_list (name,password,email) Values('{}','{}','{}')".format(name, passe, email)

return (s, name, passe, email)

print("\nAccount Has Been Succesfully Created")

else:

print("\nMail Must Atleast Be 6 Characters And Below 50 Characters")

else:

if (email,) in mails:

print("\nThis Email Id Is Being Used By Anther Account Please Enter Anther Email Id")

else:

print("You Cannot Create A Account With This Mail As This Mail Id Has Been Banned")

else:

print("\nPassword Must Atleast Be 4 Characters And Below 10 Characters")

else:

print("\nName Must Be Over 3 Characters And Below 30 Characters")

return ("0", 0, 0, 0)

**Module 6)**

**Main.py**

import mysql.connector as ms

from Sql\_Database import \*

from JTL\_Encry\_V3\_FA import \*

from JTL\_Decr\_V3\_FA import \*

from Web\_Login\_Commands import \*

from Creating\_Account import \*

from Admin\_Controls import \*

from Filter import \*

from Shop\_Commands import \*

from Filter\_Search import \*

from Ads import \*

sq=ms.connect(user="root",host="localhost",password="Arduino1")

a=sq.cursor()

loggedinstatus=0

def reviewlogo():

print("\n================================================================================")

print(" \_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_ ")

print("| || \ / | | \ /\ /")

print("|\_\_\_\_||\_\_\_\_\_ \ / | |\_\_\_\_\_ \ / \ /")

print("| \ | \ / | | \ / \ /")

print("| \ |\_\_\_\_\_\_ \/ \_\_\_|\_\_\_ |\_\_\_\_\_\_ \/ \/")

print("================================================================================")

def shoplogo():

print("\n================================================================================")

print(" \_\_\_\_\_ \_\_\_\_ ")

print("|\ /| \ / | | | \_\_\_\_\_\_ | |")

print("| \ / | \ / |\_\_\_\_\_ |\_\_\_\_\_| | | |\_\_\_\_|")

print("| \/ | | | | | | | | ")

print("| | | \_\_\_\_\_| | | |\_\_\_\_\_\_| |")

print("================================================================================")

def profilelogo():

print("\n================================================================================")

print(" \_\_\_\_ \_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_ ")

print("|\ /| \ / | | | | \_\_\_\_\_\_ | | | | ")

print("| \ / | \ / |\_\_\_\_| |\_\_\_\_| | | |\_\_\_\_\_ | | |\_\_\_\_\_ ")

print("| \/ | | | | \ | | | | | | ")

print("| | | | | \ |\_\_\_\_\_\_| | \_\_\_|\_\_\_ |\_\_\_\_\_ |\_\_\_\_\_\_ ")

print("================================================================================")

def searchlogo():

print("\n================================================================================")

print(" \_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_ \_\_\_\_\_\_ ")

print("| | /\ | | | | |")

print("|\_\_\_\_\_ |\_\_\_\_ / \ |\_\_\_\_| | |\_\_\_\_\_|")

print(" | | /----\ | \ | | |")

print(" \_\_\_\_\_| |\_\_\_\_\_ / \ | \ |\_\_\_\_\_\_ | |")

print("================================================================================")

def adminlogo():

print("\n================================================================================")

print(" \_\_\_\_ \_\_\_\_\_\_\_ ")

print(" /\ | \ |\ /| | |\ |")

print(" / \ | | | \ / | | | \ |" )

print(" /----\ | | | \/ | | | \ | ")

print(" / \ |\_\_\_\_/ | | \_\_\_|\_\_\_ | \| \n")

print("================================================================================\n")

def logo():

print("\n================================================================================")

print(" \_\_\_\_\_ \_\_\_\_\_ ")

print(" /\ |\ /| /\ / / \ |\ |")

print(" / \ | \ / | / \ / | | | \ |")

print(" /----\ | \/ | /----\ / | | | \ |")

print(" / \ | | / \ /\_\_\_\_ \\_\_\_\_\_/ | \|\n")

print("================================================================================\n")

def setaddress():

print("Please specify a delivery address")

while True:

address=input ('Address :')

if len(address)!=0:

fulladdress=address

return(fulladdress)

else:

print("Invalid Address")

def paymentmethod(price,qty):

while True:

print("Your Total Cost Is ",price\*qty)

payment=input('\nSelect a Payment Method: \r\n Press 1 for Cash on Delivery \r\n Press 2 for Internet Banking \r\n Press 3 for Debit/Credit/ATM/UPI ')

if payment=='2' or payment=='3' :

print('\nSorry, This option is temporarily not available')

elif payment=='1' :

print('\nThank you for purchasing from Amazon. Your product will be delivered within 2 working days')

break

else :

print('\nSorry. Invalid option')

def searchview(c,search,email,items,name,scat,ssub,key):

while True:

a.execute("use amazon")

print()

ad()

if len(items)!=0:

print("\n0: Go Back To Search ")

for g in range(0,len(items)):

print("\nx-x-x-x-x-x-x")

print("| |")

print("x x")

print("| |",g+1,")",items[g][1])

print("x x In",items[g][5])

print("| |")

print("x-x-x-x-x-x-x")

y=int(input("Select Item (Index) "))

if y==0:

return(1)

elif y!=0 and y<len(items)+1 and y>-1:

while True:

print("\n++++++++++++++++++++++++++++++++++++++++")

print("Product Id : ",items[y-1][0])

print("Name : ",items[y-1][1])

print("\nDescription : ",items[y-1][2])

print("\nCost : ",items[y-1][3])

print("\nAvailable Qty :",items[y-1][4])

print("++++++++++++++++++++++++++++++++++++++++")

do=int(input("\n1: Buy \n3: Go Back\n2: See Reviews\n3: Write A Review\n4: Go Back\n"))

if do==1:

qty=int(input("Enter The Qty To Be Added "))

if qty>items[y-1][4] or qty<1:

if qty<1:

print("\nInValid Amount ")

else:

print("The Entered Qty Is Greater Than Available Stock")

else:

setaddress()

paymentmethod(items[y-1][3],qty)

a.execute("update total\_items set stock={} where id={}".format(items[y-1][4]-qty,items[y-1][0]))

a.execute("select history from users\_list where email='{}'".format(email))

urhist=a.fetchone()

his=urhist[0]

his=eval(his)

if len(his)>19:

his.pop(-len(his))

his.append(items[y-1][0])

a.execute("update users\_list set history='{}'where email='{}'".format(his,email))

sq.commit()

a.execute(c)

amount=items[y-1][4]

items=a.fetchall()

print("\nTransation Is Succefull ")

if amount-qty==0:

print("\nNo More Stock Available For This Item ")

break

a.execute(c)

items=a.fetchall()

elif do==4:

break

elif do==2:

a.execute("select review from total\_items where id={}".format(items[y-1][0]))

rev=a.fetchone()

if rev=="[]":

print("\nNo Reviews Are Present")

else:

reviewlogo()

revs=eval(rev[0])

for g in revs:

print("\n",g)

elif do==3:

urev=input("Enter Your Review(Note: Review Should Be Less Than 190 characters And All Special Symbols Would Be Removed) ")

urev=af(urev)

if len(urev)>0 and len(urev)<191:

a.execute("select review from total\_items where id={}".format(items[y-1][0]))

rev=a.fetchone()

revs=eval(rev[0])

if len(revs)>10:

revs.pop(0)

revs.append(urev)

a.execute('update total\_items set review="{}" where id={}'.format(revs,items[y-1][0]))

sq.commit()

else:

print("\nYour Review Is Too Long")

backfromsearch=input("\nDo You Want To Search For A New Item y/n ")

if backfromsearch=="y":

return(1)

else:

print("Invalid Entry ")

else:

print("\nItem Not Found")

return(1)

def searchingforitem(email):

while True:

searchlogo()

a.execute("select email from bannedusers")

banned=a.fetchall()

print("\nDo You Wish To \n1: Search \n2: Perform Filtered Search\n3: Go Back")

searchmethod=int(input("Enter The Method You Want To Search By "))

if searchmethod==1:

search=input("Enter The Name Of The Product ")

while True:

c="select id,item,description,cost,stock,category from total\_items where item like '{}' and stock>0 and banned!=1".format("%"+search+"%")

a.execute(c)

items=a.fetchall()

name,scat,ssub,key="","","",""

b=searchview(c,search,email,items,name,scat,ssub,key)

if b==1:

break

elif searchmethod==2:

name,scat,ssub,key=filters()

a.execute("use amazon")

while True:

c="select id,item,description,cost,stock,category from total\_items where item like '{}' and category like '{}' and sub\_category like '{}' and keyword like'{}' and stock>0 and banned!=1".format("%"+name+"%","%"+scat+"%","%"+ssub+"%","%"+key+"%")

a.execute(c)

items=a.fetchall()

search=""

b=searchview(c,search,email,items,name,scat,ssub,key)

if b==1:

break

elif searchmethod==3:

break

else:

print("Invalid")

def admin\_controls(email):

global loggedinstatus

print("Admin")

adminlogo()

loggedinstatus=1

while loggedinstatus==1:

a.execute("USe Amazon")

a.execute("select email from users\_list where admin=1")

admins=a.fetchall()

print("\nWhat Do You Want To \n1: Manage Users\n2: Search For Item\n3: Manage Store\n4: Log Out")

whattodoadmin=int(input())

if whattodoadmin==1:

while True:

print("\n1: Grant Admin Access \n2: Revoke Admin Access \n3: Ban User \n4: UnBan User\n5: Delete User\n6: Remove Item \n7: Go Back")

usercon=int(input("Select Option "))

a.execute("select email from users\_list")

users=a.fetchall()

if usercon==1:

a.execute("select email from users\_list where admin=1")

admins=a.fetchall()

a.execute("select email from bannedusers")

banned=a.fetchall()

grantaccess,ademail=grantadmin(email,admins,banned,users)

if grantaccess==1:

a.execute("update users\_list set admin=1 where email='{}'".format(ademail))

sq.commit()

elif usercon==2:

a.execute("select email from users\_list where admin=1")

admins=a.fetchall()

removeaccess,ademail=removeadmin(email,admins,users)

if removeaccess==1:

a.execute("update users\_list set admin=0 where email='{}'".format(ademail))

sq.commit()

elif usercon==3:

a.execute("select email from users\_list where admin=1")

admins=a.fetchall()

a.execute("select email from users\_list")

adms=a.fetchall()

a.execute("select email from bannedusers")

banned=a.fetchall()

ban,ademail=banuser(email,admins,adms,banned,users)

if ban==1:

a.execute("insert into bannedusers values('{}')".format(ademail))

a.execute("select user\_id from users\_list where email='{}'".format(ademail))

ids=a.fetchone()

sid=ids[0]

a.execute("update total\_items set banned=1 where sellerid={}".format(sid))

sq.commit()

elif usercon==4:

a.execute("select email from users\_list where admin=1")

admins=a.fetchall()

a.execute("select email from users\_list")

adms=a.fetchall()

a.execute("select email from bannedusers")

banned=a.fetchall()

unban,ademail=unbanu(email,admins,banned,adms,users)

if unban==1:

a.execute("select user\_id from users\_list where email='{}'".format(ademail))

ids=a.fetchone()

sid=ids[0]

a.execute("update total\_items set banned=0 where sellerid={}".format(sid))

a.execute("delete from bannedusers where email='{}'".format(ademail))

sq.commit()

elif usercon==5:

a.execute("select email from users\_list where admin=1")

admins=a.fetchall()

a.execute("select email from bannedusers")

banned=a.fetchall()

dele,ademail=deleteuser(email,admins,users)

if dele==1:

a.execute("select user\_id from users\_list where email='{}'".format(ademail))

correctpass=a.fetchone()

ids=correctpass[0]

a.execute("delete from users\_list where email='{}'".format(ademail))

a.execute("delete from total\_items where sellerid={}".format(ids))

sq.commit()

elif usercon==6:

ids=int(input("Enter The Product Id You Want Remove "))

a.execute("select id, item from total\_items where id={}".format(ids))

item=a.fetchone()

if item!=None:

password=input("Enter Your Password ")

a.execute("select password from users\_list where email='{}'".format(email))

correctpass=a.fetchone()

decrpass=decrypt(correctpass[0])

if password==decrpass:

print("Do You Want To Remove",item[1])

cf=input("y/n ")

if cf=="y":

a.execute("delete from total\_items where id={}".format(item[0]))

sq.commit()

print("\nItem Has Been Removed")

elif cf=="n":

print("Ok")

else:

print("Invalid Entry")

else:

print("Invalid Password")

else:

print("Item Not Found")

elif usercon==7:

break

else:

print("Invalid Entry")

elif whattodoadmin==2:

searchingforitem(email)

elif whattodoadmin==3:

storemenu(1)

elif whattodoadmin==4:

print("\nLogged Out")

loggedinstatus=0

else:

print("Invalid Entry")

def sellitem(uid,item,scat,ssub,sstock,scost,skey,sde):

print(item,"|",scat,"|",ssub,"|",sstock,"|",scost,"|",skey,"|",sde,"|")

check=input("Are All The Details Correct y/n ")

if check=="y":

a.execute("insert into total\_items(item,sellerid,category,sub\_category,stock,cost,description,keyword) values('{}',{},'{}','{}',{},{},'{}','{}')".format(item,uid,scat,ssub,sstock,scost,sde,skey))

sq.commit()

return(1)

def seefull(uid,ids):

a.execute("select \* from total\_items where id={} and sellerid={}".format(ids,uid))

sitem=a.fetchone()

if sitem!=None:

print("\nx-x-x-x-x-x-x")

print("| |")

print("x x")

print("| |")

print("x x")

print("| |")

print("x-x-x-x-x-x-x")

print("\n++++++++++++++++++++++++++++++++++++++++")

print("Product Id :",sitem[0])

print("Name :",sitem[1])

print("\nCategory :",sitem[3])

print("\nSub-Category :",sitem[4])

print("\nAvailable Qty :",sitem[5])

print("\nCost :",sitem[6])

print("\nDescription :",sitem[7])

print("\nKey Word :",sitem[8])

print("++++++++++++++++++++++++++++++++++++++++")

else:

print("No Such Item Is Present")

def storemenu(uid):

while True:

shoplogo()

print("\n1: Add More Items ")

print("2: See My Items")

print("3: Modify Item")

print("4: Delete Item")

print("5: Go Back")

x=int(input("What Do You Want To Do "))

if x==1:

item,scat,ssub,sstock,scost,skey,sde=additem()

if item!=-1:

sellitem(uid,item,scat,ssub,sstock,scost,skey,sde)

elif x==2:

a.execute("select id,item,category,sub\_category,stock,keyword,cost,description from total\_items where sellerid={}".format(uid))

myitems=a.fetchall()

productintable(uid,myitems)

dofull=input("Do You Want To See Full Details Of The Item y/n ")

if dofull=="y":

ids=int(input("Enter The Product Id Of The Item From Above "))

seefull(uid,ids)

elif x==3:

a.execute("select id,item,category,sub\_category,stock,keyword,cost,description from total\_items where sellerid={}".format(uid))

myitems=a.fetchall()

productintable(uid,myitems)

ids=int(input("Enter Id Of Item You Want To Modify "))

seefull(uid,ids)

a.execute("select \* from total\_items where id={} and sellerid={}".format(ids,uid))

mit=a.fetchone()

if mit!=None:

name,cat,sub,stock,cost,des,key=modify(mit)

a.execute("update total\_items set item='{}',category='{}',sub\_category='{}',stock={},cost={},description='{}',keyword='{}' where id={}".format(name,cat,sub,stock,cost,des,key,ids))

sq.commit()

elif x==4:

a.execute("select id,item,category,sub\_category,stock,keyword,cost,description from total\_items where sellerid={}".format(uid))

myitems=a.fetchall()

productintable(uid,myitems)

ide=int(input("Enter Id Of Item You Want To Remove "))

a.execute("select \* from total\_items where id={} and sellerid={}".format(ide,uid))

mit=a.fetchone()

if mit!=None:

print("Do You Really Want To Delete",mit[1])

sure=input("y/n ")

if sure=="y":

a.execute("delete from total\_items where id={}".format(ide))

sq.commit()

print("Item Removed")

else:

print("Invalid Entry")

elif x==5:

break

else:

print("Invalid Entry")

def loggedin(email):

global loggedinstatus

loggedinstatus=1

print("Welcome To Amazon")

while loggedinstatus==1:

logo()

print("\nWhat Do You Want To \n1: Search Items \n2: Manage Your Store\n3: View Your Profile \n4: Log Out\n5: Delete Account ")

whattodo=int(input())

if whattodo==1:

searchingforitem(email)

elif whattodo==2:

a.execute("select user\_id from users\_list where email='{}'".format(email))

ids=a.fetchall()

uid=int(ids[0][0])

a.execute("select \* from total\_items where sellerid ={}".format(uid))

items=a.fetchall()

a.execute("select id,item,category,sub\_category,stock,keyword,cost,description from total\_items where sellerid={}".format(uid))

myitems=a.fetchall()

if len(items)!=0:

storemenu(uid)

else:

while True:

a.execute("select \* from total\_items where sellerid ={}".format(uid))

items=a.fetchall()

x=input("You Are Currently Not Selling Anything Do You Want To Start Selling y/n ")

if x=="y":

done=0

item,scat,ssub,sstock,scost,skey,sde=additem()

if item!=-1:

done=sellitem(uid,item,scat,ssub,sstock,scost,skey,sde)

if done==1:

storemenu(uid)

break

elif whattodo==3:

#make A Logo For Profile

a.execute("Use Amazon")

profilelogo()

while True:

a.execute("select \* from users\_list where email='{}'".format(email))

ad()

user=a.fetchone()

print(" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_")

print(" / \_\_\_\_\_\_\_\_\_\_ \ ")

print("/ / \ \ ")

print("| | | |")

print("| | | |")

print("| | | |")

print("| \\_\_\_\_\_\_\_\_/ |")

print("| \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |")

print("| / \ |")

print("| / \ |")

print("\ |\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| / ")

print(" \\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/")

print("\n Your Name:",user[1])

print("\n Your Mail Id:",user[3])

do=int(input("\nWhat Do You Want to Do\n1: Change Your Name \n2: View My Orders \n3: Change Your Password\n4: Go Back \n "))

if do==1:

name=input("Enter Your New Name ")

name=af(name)

if len(name)<31 and len(name)>2:

a.execute("update users\_list set name='{}' where email='{}'".format(name,email))

else:

print("Name Must Be Over 3 Characters And Below 30 Characters")

elif do==2:

a.execute("select history from users\_list where email='{}'".format(email))

history=a.fetchone()

print("Your Last 20 Orders Are ")

his=eval(history[0])

a.execute("Select id,item from total\_items")

items=a.fetchall()

ids=[]

names=[]

if len(his)!=0:

while True:

print("\nYour History ")

print("Id | Name ")

for y in items:

ids.append(y[0])

names.append(y[1])

for g in his:

if g in ids:

print("\n",g,":",names[ids.index(g)])

else:

his.remove(g)

m=input("\nDo You Want To Leave y/n")

if m=="y":

break

else:

print("\n You Have Not Bought Anything Till Now")

elif do==3:

a.execute("select password from users\_list where email='{}'".format(email))

cpassen=a.fetchone()

cpass=decrypt(cpassen[0])

cpassche=input("Enter Your Current Password ")

if cpassche==cpass:

npass=input("Enter You New Password (All Special Symbols Would Be Removed) ")

npass=af(npass)

if len(npass)>3 and len(npass)<21:

npassen=encry(npass)

a.execute("update users\_list set password='{}' where email like '{}'".format(npassen,email))

print("Password Has Been Changed")

sq.commit()

else:

print("Password Should Be More Than 3 Characters And Less Than 20")

else:

print("Incorrect Password")

elif do==4:

break

else:

print("Invalid Entry")

elif whattodo==4:

print("Logged Out")

loggedinstatus=0

elif whattodo==5:

a.execute("Use Amazon")

password=input("Enter The Password ")

a.execute("select password,user\_id from users\_list where email='{}'".format(email))

correctpass=a.fetchone()

decrpass=decrypt(correctpass[0])

ids=correctpass[1]

if password==decrpass:

sure=input("Do You Wish To Delete Account y/n")

if sure=="y":

a.execute("delete from users\_list where email='{}'".format(email))

a.execute("delete from total\_items where sellerid={}".format(ids))

sq.commit()

print("Account Has Been Removed")

loggedinstatus=0

else:

print("\nIncorrect Password")

else:

print("\nInvalid Entry")

def loginandsignin():

logo()

print("1:Sign In\n2:Login\n3:Credits\n")

x=int(input("Do You Want To Sign In or Login(1 or 2 or 3 for Credits) "))

if x==2:

a.execute("Use Amazon")

a.execute("select email from bannedusers")

banned=a.fetchall()

email=input("Enter Your Email ")

email=email.lower()

a.execute("select email from users\_list")

checkuser=a.fetchall()

if (email,) in checkuser and (email,) not in banned:

password=input("Enter Your Password ")

a.execute("select password from users\_list where email='{}'".format(email))

correctpass=a.fetchone()

decrpass=decrypt(correctpass[0])

if password==decrpass:

a.execute("select email from users\_list where admin=1")

admins=a.fetchall()

if (email,) in admins:

admin\_controls(email)

else:

loggedin(email)

else:

print("Password Is Incorrect")

else:

if (email,) in banned:

print("You Cannot Log On As You Have Been Banned")

else:

print("User Does Not Exist ")

elif x==1:

a.execute("Use Amazon")

a.execute("select email from users\_list")

mails=a.fetchall()

a.execute("select email from bannedusers")

banned=a.fetchall()

s,name,passe,email=signin(mails,banned)

if s!='0':

a.execute(s)

sq.commit()

if email!=None:

loggedin(email)

elif x==3:

print("\n\n")

print("░█████╗░██████╗░███████╗██████╗░██╗████████╗░██████╗")

print("██╔══██╗██╔══██╗██╔════╝██╔══██╗██║╚══██╔══╝██╔════╝")

print("██║░░╚═╝██████╔╝█████╗░░██║░░██║██║░░░██║░░░╚█████╗░")

print("██║░░██╗██╔══██╗██╔══╝░░██║░░██║██║░░░██║░░░░╚═══██╗")

print("╚█████╔╝██║░░██║███████╗██████╔╝██║░░░██║░░░██████╔╝")

print("░╚════╝░╚═╝░░╚═╝╚══════╝╚═════╝░╚═╝░░░╚═╝░░░╚═════╝░")

print("\n\n")

print(" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_")

print("| ")

print("| ░░█ █▀█ █░█ █▄░█   █▄█ █▀█ █░█ ▄▀█ █▄░█ ")

print("| █▄█ █▄█ █▀█ █░▀█   ░█░ █▄█ █▀█ █▀█ █░▀█ ")

print("| ")

print("| █▄░█ █▀█ █▀▀ █░░   █▀█ ▄▀█ ░░█ █▀▀ █▀▀ █░█|")

print("| █░▀█ █▄█ ██▄ █▄▄   █▀▄ █▀█ █▄█ ██▄ ██▄ ▀▄▀")

print("| ")

print("|▄▀█ █▄▄ █░█ █ ░░█ █ ▀█▀ █░█")

print("|█▀█ █▄█ █▀█ █ █▄█ █ ░█░ █▀█")

print("|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_")

elif x==4:

break

else:

print("Invalid Entry")

while loggedinstatus==0:

loginandsignin()

a.close()

**Module 7)**

**Filter\_Search.py**

from Filter import \*

def cateandsub():

cats={"Gadgets":['Phone', 'Chargers', 'Laptop', 'Watch', 'Printer', 'Game Console', 'Tabs', 'Headsets', 'Other'],"Furniture":['Beds', 'Tables', 'Shelfs', 'Chairs', 'Sofas', 'Other'],"Books":['Fiction', 'Non Fiction', 'Biography', 'Auto Biography', 'Short Stories', 'Study Material', 'Other'],"Mens Clothing":['Shirts', 'Pants', 'Tradional', 'Hoodies', 'T Shirts', 'Boots', 'Shoes', 'Other'],"Womens Clothing":['Shirts', 'Pants', 'Tradional', 'Hoodies', 'T-Shirts', 'Boots', 'Shoes', 'Other'],"Travel And Sports":['Duffle Bag', 'Suitcases', 'Backpacks', 'Rucksacks', 'Footballs', 'Basketballs', 'Volleyballs', 'Cycles', 'Cricket Balls', 'Cricket Bats', 'Hockey Bats', 'Hockey Pucks', 'Skate Boards', 'Tennis Bat', 'Shuttle Bat', 'Other'],"Home-Appliance":['Tv', 'Washing Machines', 'Refrigerator', 'Microwaves', 'Dishwashers', 'Lamps', 'Fans', 'Other'],"Beauty":['Eye Liner', 'Lipstick', 'Foundation', 'Concealer', 'Blush', 'Eyeshadow', 'Other'],"Media":['Movies', 'Songs', 'Games', 'Pendrives', 'Cd', 'Blueray', 'Other'],"Other":["Other"]}

cat = list(cats.keys())

while True:

for g in cat:

print(cat.index(g) + 1, ")", g)

print("0 ) Cancel")

scatsel = int(input("Select Category Of The Item From The Given Categories(index) "))

if scatsel > 0 and scatsel < len(cat) + 1:

scat = cat[scatsel - 1]

wantsub = input("Do You Want To Search by Sub-Category y/n ")

if wantsub == "y":

subs = cats[scat]

while True:

for h in subs:

print(subs.index(h) + 1, ")", h)

print("0 ) Cancel")

ssubsel = int(input("Select Sub-Category Of The Item From The Given Sub-Categories(index)) "))

if ssubsel > 0 and ssubsel < len(subs) + 1:

ssub = subs[ssubsel - 1]

return (scat, ssub)

elif ssubsel == 0:

break

else:

print("Invalide Choice")

else:

return (scat, "")

elif scatsel == 0:

break

else:

print("Invalide Choice ")

return ("", "")

def filters():

name = input("Enter The Name Of The Item (Name Should Be Between 4 and 30 Characters And All Special Symbols Are Removed) ")

name = af(name)

wantcat = input("Do You Want To Search By Category y/n (Enter y To Search)")

if wantcat == "y":

scat, ssub = cateandsub()

else:

scat = ""

ssub = ""

wantkey = input("Do You Want To Search By Key y/n (Enter y to Search)")

if wantkey == "y":

key = input("Enter Key Word Through Which People Can Also Search For(Key Words Can Brand Names ,Models etc Also All Special Symbols Are Removed) ")

key = af(key)

else:

key = ""

return (name, scat, ssub, key)

**Module 8)**

**Admin\_Controls.py**

import mysql.connector as ms

from JTL\_Encry\_V3\_FA import \*

from JTL\_Decr\_V3\_FA import \*

sq = ms.connect(user="root", host="localhost", password="Arduino1")

def admincursor():

a = sq.cursor()

return (a)

def grantadmin(email, admins, banned, users):

a = admincursor()

a.execute("use Amazon")

ademail = input("Enter Email Id Of The User ")

if (ademail,) in users and (ademail,) not in banned:

if (ademail,) not in admins:

password = input("Enter Your Password ")

a.execute("select password from users\_list where email='{}'".format(email))

correctpass = a.fetchone()

decrpass = decrypt(correctpass[0])

if password == decrpass:

print("Do You Want To Confirm User", ademail, "As A Admin")

cf = input("y/n ")

if cf == "y":

print("\nUser Has Been Made A Admin")

return (1, ademail)

else:

print("\nIncorrect Password")

else:

print("\nUser Is Already An Admin")

else:

if (ademail,) in banned:

print("You Cant Make Banned Users Admins")

else:

print("\nUser Does Not Exist")

a.close()

return (0, 0)

def removeadmin(email, admins, users):

a = admincursor()

a.execute("use Amazon")

ademail = input("Enter Email Id Of The Admin ")

if ademail != "admin101@admin1" and ademail != email:

if (ademail,) in admins:

password = input("Enter Your Password ")

a.execute("select password from users\_list where email='{}'".format(email))

correctpass = a.fetchone()

decrpass = decrypt(correctpass[0])

if password == decrpass:

print("Do You Want To Remove", ademail, "As A Admin")

cf = input("y/n ")

if cf == "y":

print("\nUser Has Been Removed As An Admin")

return (1, ademail)

else:

print("\nIncorrect Password")

else:

print("\nUser Is Not An Admin")

else:

print("You Cant Remove That Admin")

return (0, 0)

def banuser(email, admins, adms, banned, users):

a = admincursor()

a.execute("use Amazon")

ademail = input("Enter Email Id Of The User ")

if ademail != "admin101@admin1" and ademail != email:

if (ademail,) not in admins and (ademail,) not in banned:

if (ademail,) in adms:

password = input("Enter Your Password ")

a.execute("select password from users\_list where email='{}'".format(email))

correctpass = a.fetchone()

decrpass = decrypt(correctpass[0])

if password == decrpass:

print("Do You Want To Ban", ademail)

cf = input("y/n ")

if cf == "y":

print("\nUser Has Been Banned")

return (1, ademail)

else:

print("\nIncorrect Password")

else:

print("\nUser Does Not Exist")

else:

if (ademail,) in banned:

print("User Is Already Banned ")

elif (ademail,) not in user:

print("User Does Not Exist")

else:

print("\nYou Cant Ban Admins")

else:

print("You Cant Ban That Admin")

return (0, 0)

def unbanu(email, admins, banned, adms, users):

a = admincursor()

a.execute("use Amazon")

ademail = input("Enter Email Id Of The User ")

if (ademail,) in adms:

if (ademail,) in banned:

password = input("Enter Your Password ")

a.execute("select password from users\_list where email='{}'".format(email))

correctpass = a.fetchone()

decrpass = decrypt(correctpass[0])

if password == decrpass:

print("Do You Want To Unban", ademail)

cf = input("y/n ")

if cf == "y":

print("\nUser Has Been UnBanned")

return (1, ademail)

else:

print("\nIncorrect Password")

else:

print("\nUser Is Not Banned")

else:

print("\nUser Does Not Exist")

return (0, 0)

def deleteuser(email, admins, users):

a = admincursor()

a.execute("use Amazon")

ademail = input("Enter Email Id Of The User ")

if (ademail,) in users:

if (ademail,) not in admins:

password = input("Enter Your Password ")

a.execute("select password from users\_list where email='{}'".format(email))

correctpass = a.fetchone()

decrpass = decrypt(correctpass[0])

if password == decrpass:

print("Do You Want To Delete", ademail)

cf = input("y/n ")

if cf == "y":

print("\nUser Has Been Deleted")

return (1, ademail)

else:

print("\nIncorrect Password")

else:

print("\nYou Cant Remove Admins")

else:

print("\nUser Does Not Exist")

return (0, 0)

a.close()

**Module 9)**

**Shop\_Commands.py**

import mysql.connector as sq

from Filter import \*

s = sq.connect(host="localhost", user="root", passwd="Arduino1")

c = s.cursor()

def myorder(uid, history):

pid = "| Product Id |"

qty = "Amount Bought |"

print(

"================================================================================================================================================================="

)

print(pid, qty)

print(

"================================================================================================================================================================="

)

for g in history:

for h in g:

ids = "| " + str(g[0])

qt = str(g[1])

remainid = len(pid) - len(ids)

remainqty = len(qty) - len(qt)

if remainid > 0:

for y in range(0, remainid - 1):

ids += " "

ids += "|"

else:

ids = ids[0 : len(pid) - 1]

ids += "|"

if remainqty > 0:

for i in range(0, remainqty - 1):

qt += " "

qt += "|"

else:

qt = qt[0 : len(qtya) - 3]

qt += "..|"

print(ids, qt)

def productintable(uid, myitems):

pid = "| Product Id |"

namesta = "Item Name |"

catla = "Category |"

subla = "Sub-Category |"

stockta = "Stock Available |"

keyta = "Keyword |"

costta = "Cost |"

descta = "Description |"

print(

"================================================================================================================================================================="

)

print(pid, namesta, catla, subla, stockta, keyta, costta, descta)

print(

"================================================================================================================================================================="

)

for g in myitems:

ids = "| " + str(g[0])

names = str(g[1])

cats = g[2]

sub = g[3]

stock = str(g[4])

key = g[5]

cost = str(g[6])

desc = g[7]

remainid = len(pid) - len(ids)

remainna = len(namesta) - len(names)

remaincat = 18 - len(cats)

remainsub = 18 - len(sub)

remainstock = len(stockta) - len(stock)

remainkey = len(keyta) - len(key)

remaincost = 9 - len(cost)

remaindes = len(descta) - len(desc)

if remainid > 0:

for g in range(0, remainid - 1):

ids += " "

ids += "|"

else:

ids = ids[0 : len(pid) - 1]

ids += "|"

if remainna > 0:

for y in range(0, remainna - 1):

names += " "

names += "|"

else:

names = names[0 : len(namesta) - 3]

names += "..|"

if remaincat > 0:

for t in range(0, remaincat - 1):

cats += " "

cats += "|"

if remainsub > 0:

for a in range(0, remainsub - 1):

sub += " "

sub += "|"

if remainstock > 0:

for i in range(0, remainstock - 1):

stock += " "

stock += "|"

else:

stock = stock[0 : len(stockta) - 3]

stock += "..|"

if remainkey > 0:

for h in range(0, remainkey - 1):

key += " "

key += "|"

else:

key = key[0 : len(keyta) - 3]

key += "..|"

if remaincost > 0:

for a in range(0, remaincost - 1):

cost += " "

cost += "|"

if remaindes > 0:

for h in range(0, remaindes - 1):

desc += " "

desc += "|"

else:

desc = desc[0 : len(descta) - 3]

desc += "..|"

print(ids, names, cats, sub, stock, key, cost, desc)

print(

"================================================================================================================================================================="

)

def additem():

cats = {

"Gadgets": [

"Phone",

"Chargers",

"Laptop",

"Watch",

"Printer",

"Game Console",

"Tabs",

"Headsets",

"Other",

],

"Furniture": ["Beds", "Tables", "Shelfs", "Chairs", "Sofas", "Other"],

"Books": [

"Fiction",

"Non Fiction",

"Biography",

"Auto Biography",

"Short Stories",

"Study Material",

"Other",

],

"Mens Clothing": [

"Shirts",

"Pants",

"Tradional",

"Hoodies",

"T Shirts",

"Boots",

"Shoes",

"Other",

],

"Womens Clothing": [

"Shirts",

"Pants",

"Tradional",

"Hoodies",

"T-Shirts",

"Boots",

"Shoes",

"Other",

],

"Travel And Sports": [

"Duffle Bag",

"Suitcases",

"Backpacks",

"Rucksacks",

"Footballs",

"Basketballs",

"Volleyballs",

"Cycles",

"Cricket Balls",

"Cricket Bats",

"Hockey Bats",

"Hockey Pucks",

"Skate Boards",

"Tennis Bat",

"Shuttle Bat",

"Other",

],

"Home-Appliance": [

"Tv",

"Washing Machines",

"Refrigerator",

"Microwaves",

"Dishwashers",

"Lamps",

"Fans",

"Other",

],

"Beauty": [

"Eye Liner",

"Lipstick",

"Foundation",

"Concealer",

"Blush",

"Eyeshadow",

"Other",

],

"Media": ["Movies", "Songs", "Games", "Pendrives", "Cd", "Blueray", "Other"],

"Other": ["Other"],

}

cat = list(cats.keys())

name = input(

"Enter The Name Of The Item (Name Should Be Between 4 and 30 Characters And All Special Symbols Are Removed) "

)

name = af(name)

if len(name) < 101 and len(name) > 3:

while True:

for g in cat:

print(cat.index(g) + 1, ")", g)

print("0 ) Cancel")

scatsel = int(

input("Select Category Of The Item From The Given Categories(index) ")

)

if scatsel > 0 and scatsel < len(cat) + 1:

scat = cat[scatsel - 1]

subs = cats[scat]

while True:

for h in subs:

print(subs.index(h) + 1, ")", h)

print("0 ) Cancel")

ssubsel = int(

input(

"Select Sub-Category Of The Item From The Given Sub-Categories(index)) "

)

)

if ssubsel > 0 and ssubsel < len(subs) + 1:

ssub = subs[ssubsel - 1]

while True:

stocksel = int(

input(

"Enter The Available Quantity Of The Item (Enter 0 To Cancel) "

)

)

if stocksel > 0 and stocksel < 100000:

sstock = stocksel

while True:

costsel = int(

input(

"Enter The Selling Price Of This Item (Enter 0 To Cancel) "

)

)

if costsel > 0 and costsel < 1000000:

scost = costsel

while True:

keysel = input(

"Enter Key Word Through Which People Can Also Search For(Key Words Can Brand Names ,Models etc Also All Special Symbols Are Removed) (enter 'cancel' to Cancel) "

)

keysel = af(keysel)

if (

len(keysel) > 1

and len(keysel) < 26

and keysel != "cancel"

):

skey = keysel.lower()

while True:

desel = input(

"Enter Description Of The Product(Description Should Be Between 2 And 800 Characters All Special Symbols Are Removed) (Enter 'cancel' To Cancel) "

)

desel = af(desel)

if (

len(desel) > 1

and len(desel) < 801

and desel != "cancel"

):

sde = desel

return (

name,

scat,

ssub,

sstock,

scost,

skey,

sde,

)

elif desel == "cancel":

break

else:

print(

"Description Should Be Between 2 And 800 Characters"

)

break

elif keysel == "cancel":

break

else:

print(

"Length Of Keys Should Be Between 2 To 25 Characters"

)

break

elif costsel == 0:

break

else:

print(

"You Cant Sell This Item At This Selling Price (Selling Price Entered Should Be Between 0 And 1000000)"

)

break

elif stocksel == 0:

break

else:

print(

"Invalid Amount Of Stock (Stock Entered Should Be Between 0 And 100000)"

)

break

elif ssubsel == 0:

break

else:

print("Invalide Choice")

break

elif scatsel == 0:

break

else:

print("Invalide Choice ")

print("Name Should Be Between 4 and 100 Characters")

name = -1

scat = -1

ssub = -1

sstock = -1

scost = -1

skey = -1

sde = -1

return (-1, -1, -1, -1, -1, -1, -1)

def modify(mit):

name = mit[1]

cat = mit[3]

sub = mit[4]

stock = mit[5]

cost = mit[6]

des = mit[7]

key = mit[8]

while True:

print("\nWhat Do You Want To Modify")

print("1: Name")

print("2: Category")

print("3: Sub-Category")

print("4: Stock")

print("5: Cost")

print("6: Key Word")

print("7: Description")

print("0: Confirm Changes")

cats = {

"Gadgets": [

"Phone",

"Chargers",

"Laptop",

"Watch",

"Printer",

"Game Console",

"Tabs",

"Headsets",

"Other",

],

"Furniture": ["Beds", "Tables", "Shelfs", "Chairs", "Sofas", "Other"],

"Books": [

"Fiction",

"Non Fiction",

"Biography",

"Auto Biography",

"Short Stories",

"Study Material",

"Other",

],

"Mens Clothing": [

"Shirts",

"Pants",

"Tradional",

"Hoodies",

"T Shirts",

"Boots",

"Shoes",

"Other",

],

"Womens Clothing": [

"Shirts",

"Pants",

"Tradional",

"Hoodies",

"T-Shirts",

"Boots",

"Shoes",

"Other",

],

"Travel And Sports": [

"Duffle Bag",

"Suitcases",

"Backpacks",

"Rucksacks",

"Footballs",

"Basketballs",

"Volleyballs",

"Cycles",

"Cricket Balls",

"Cricket Bats",

"Hockey Bats",

"Hockey Pucks",

"Skate Boards",

"Tennis Bat",

"Shuttle Bat",

"Other",

],

"Home-Appliance": [

"Tv",

"Washing Machines",

"Refrigerator",

"Microwaves",

"Dishwashers",

"Lamps",

"Fans",

"Other",

],

"Beauty": [

"Eye Liner",

"Lipstick",

"Foundation",

"Concealer",

"Blush",

"Eyeshadow",

"Other",

],

"Media": [

"Movies",

"Songs",

"Games",

"Pendrives",

"Cd",

"Blueray",

"Other",

],

"Other": ["Other"],

}

chawan = int(input("What Do You Want To Change "))

if chawan == 1:

namesel = input("Enter The New Name (No Special Symbols Allowed) ")

namesel = af(namesel)

if len(namesel) > 3 and len(namesel) < 101:

name = namesel

else:

print("Name Should Be Between 4 and 100 Characters")

elif chawan == 2:

print()

while True:

k = list(cats.keys())

for g in k:

print(k.index(g) + 1, ")", g)

scatsel = int(input("Select A Category From Above Options(Indexs) "))

if scatsel > 0 and scatsel < len(k) + 1:

cat = k[scatsel - 1]

subs = cats[cat]

while True:

print()

for h in subs:

print(subs.index(h) + 1, ")", h)

subsel = int(

input("Select A Sub-Category From Above Options(Indexs) ")

)

if subsel > 0 and subsel < len(subs) + 1:

sub = subs[subsel - 1]

break

else:

print("\nInvalid Entry")

else:

print("\nInvalid Entry")

break

elif chawan == 3:

subs = cats[cat]

while True:

print()

for h in subs:

print(subs.index(h) + 1, ")", h)

subsel = int(input("Select A Sub-Category From Above Options(Indexs) "))

if subsel > 0 and subsel < len(subs) + 1:

sub = subs[subsel - 1]

break

else:

print("\nInvalid Entry")

elif chawan == 4:

stocksel = int(input("Enter The New Amount Of Stock Available "))

if stocksel > 0 and stocksel < 100000:

stock = stocksel

else:

print(

"Invalid Amount Of Stock (Stock Entered Should Be Between 0 And 100000)"

)

elif chawan == 5:

costsel = int(input("Enter The New Selling Price "))

if costsel > 0 and costsel < 10000000:

cost = costsel

else:

print(

"Invalid Amount Of Stock (Stock Entered Should Be Between 0 And 1000000)"

)

elif chawan == 6:

keysel = input(

"Enter The New Key Word(Like Brand Name etc..) (No Special Symbols Allowed) "

)

keysel = af(keysel)

if len(keysel) > 3 and len(keysel) < 26:

key = keysel

else:

print("Length Of Keys Should Be Between 2 To 25 Characters")

elif chawan == 7:

dessel = input(

"Enter The New Description (Description Should Be Between 2 And 800 Characters And No Special Symbols Allowed) "

)

dessel = af(keysel)

if len(dessel) > 1 and len(dessel) < 801:

des = dessel

elif chawan == 0:

conf = input("Have You Finished The Modifying y/n ")

if conf == "y":

return (name, cat, sub, stock, cost, des, key)

else:

print("Ok Continue Modifying\n")

else:

print("\nInvalid Entry")

**Module 10)**

**Ads.py**

import random

def ad1():

print("\n=============================================Ad===============================================")

print(" AMA Cinemas")

print(" Don't wait anymore and book your movie tickets from AMA Studios today at the best price!")

print(" Your access to your favourite movie is only a click away!")

print("\n==============================================================================================")

def ad2():

print("\n=============================================Ad===============================================")

print(" TAJ Bank")

print(" Get Personalised Loans For All Your Dreams Big Or Small ")

print(" Taj Bank With You Always ")

print("\n==============================================================================================")

def ad3():

print("\n=============================================Ad===============================================")

print(" Swiggy Food Delivery - Free Delivery On First Order ")

print(" You Need No Occasion To Order Delicious Food On Swiggy. Order Now & Get Up To 50% Off")

print("\n==============================================================================================")

def ad4():

print("\n=============================================Ad===============================================")

print(" Skyline Hotels")

print(" Your Home Away From Home For All Your Travel Destinations ")

print(" 20% Off Your First 5 Bookings !Signup now!")

print("\n=============================================================================================")

def ad5():

print("\n=============================================Ad==================================================")

print(" Smileplus Dental Clinic")

print(" Book A Free Appointment Near Your SmilePlus Dental Clinic Now In All Major Cities")

print(" Preserving Your Smiles Since 1990")

print("\n================================================================================================")

def ad6():

print("\n=============================================Ad==================================================")

print(" Indian Railway")

print(" Reserve All Your Train Tickets Using The New Indian Railway Network ")

print(" Indian Railway -The Lifeline Of The Nation Since 1875")

print("\n================================================================================================")

def ad7():

print("\n=============================================Ad==================================================")

print(" Tarun's Qp Bank")

print(" The Definite Answer To All Your Questions For Classes 1-12.Start Now To Get 15% Off On All ")

print(" Your Purchases")

print(" Solving Your Problems Since 2005")

print("\n================================================================================================")

def ad8():

print("\n=============================================Ad==================================================")

print(" Karishma And Elza Consultancy")

print(" Come To Karishma And Elza Consultancy For All The Resources You'll Need For Your Dreams To Come True ")

print(" Book Now For A Free Consulatation")

print(" -Shaping Miracles Since 2005")

print("\n================================================================================================")

def ad():

ads=random.randrange(1,9)

if ads==1:

ad1()

if ads==2:

ad2()

if ads==3:

ad3()

if ads==4:

ad4()

if ads==5:

ad5()

if ads==6:

ad6()

if ads==7:

ad7()

if ads==8:

ad8()

**SYSTEM REQUIREMENTS**

1. CPU : Intel Core or Xeon 3GHz (or Dual Core 2GHz) or equal AMD
2. RAM : 4GB or more
3. MOTHERBOARD : 1.845 OR 915,995 FOR PENTIUM

0R MSI K9MM-V VIA K8M800+8237R PLUS CHIPSET FOR AMD ATHALON

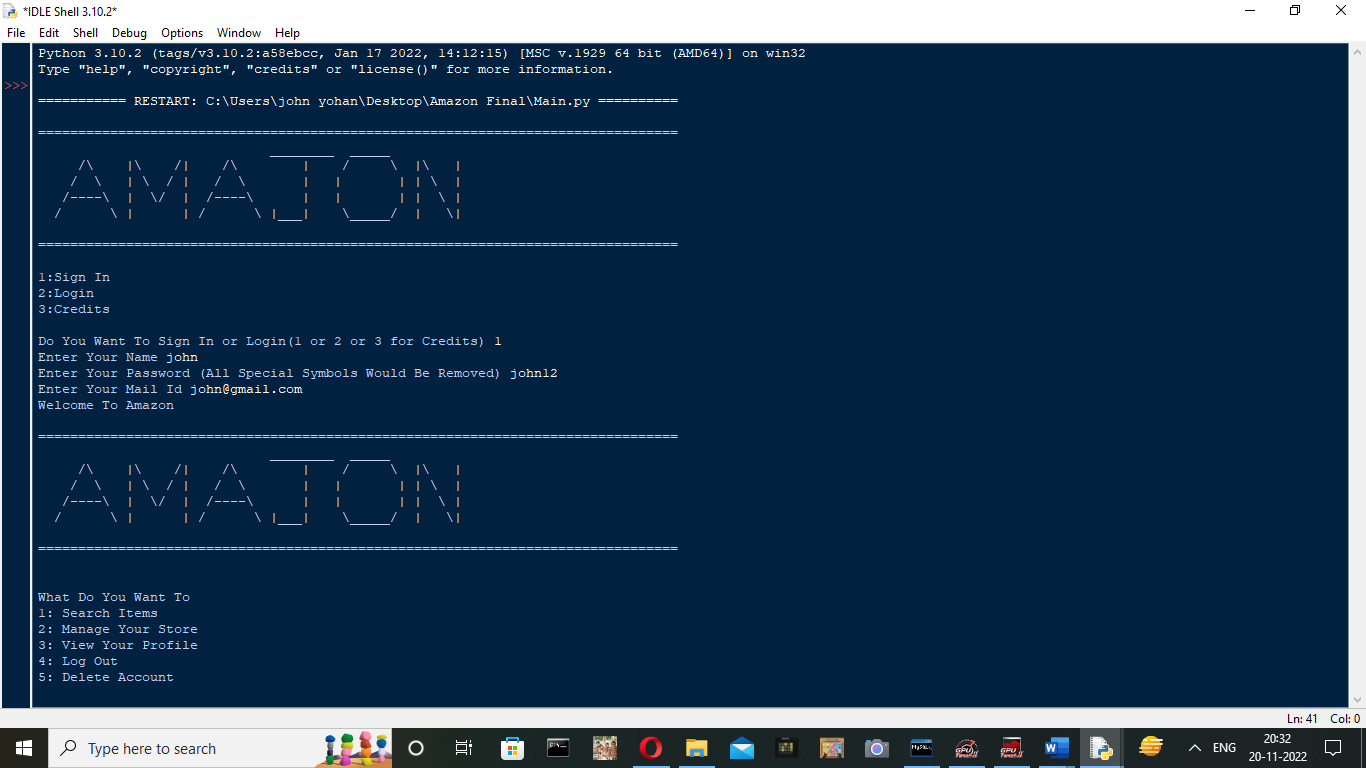
1. Keyboard and mouse
2. Printer

SOFTWARE REQUIREMENTS :

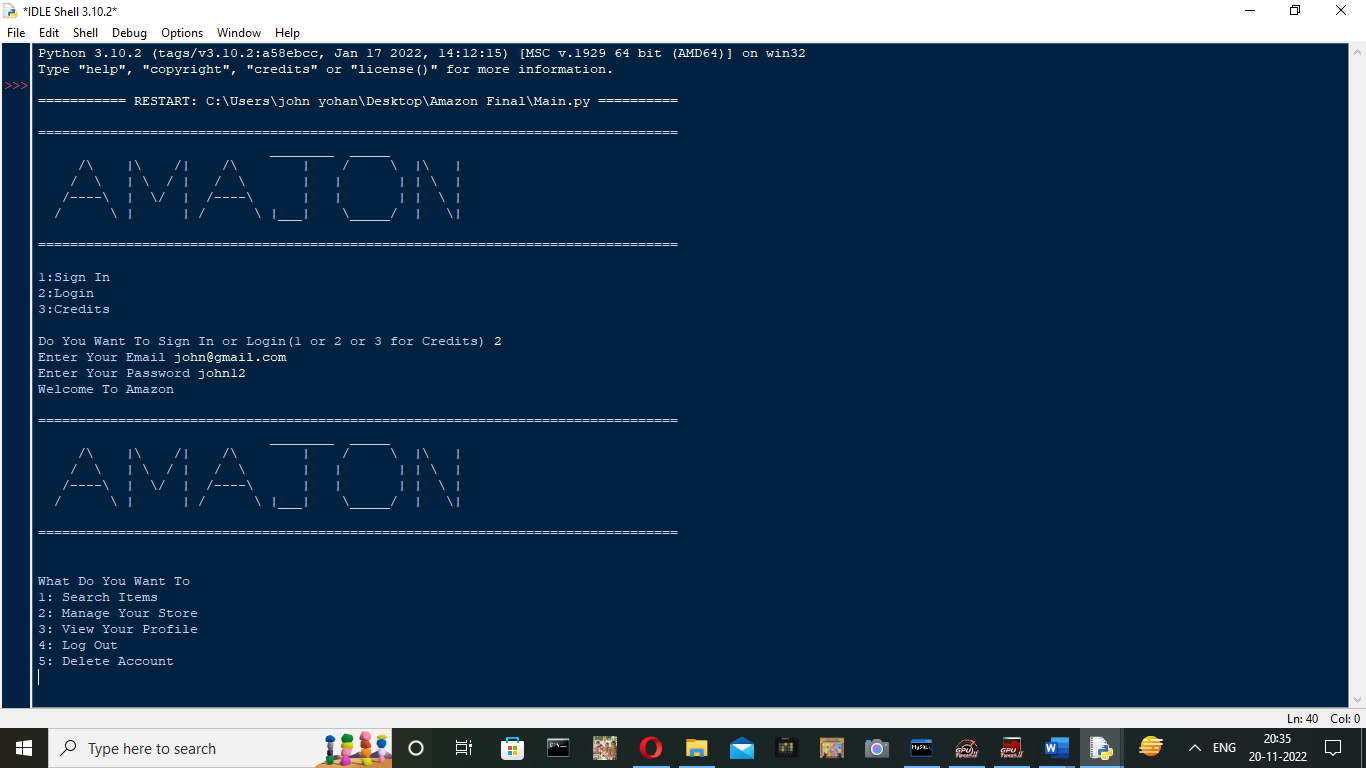
* Windows OS
* Python
* MySQL

**Output**

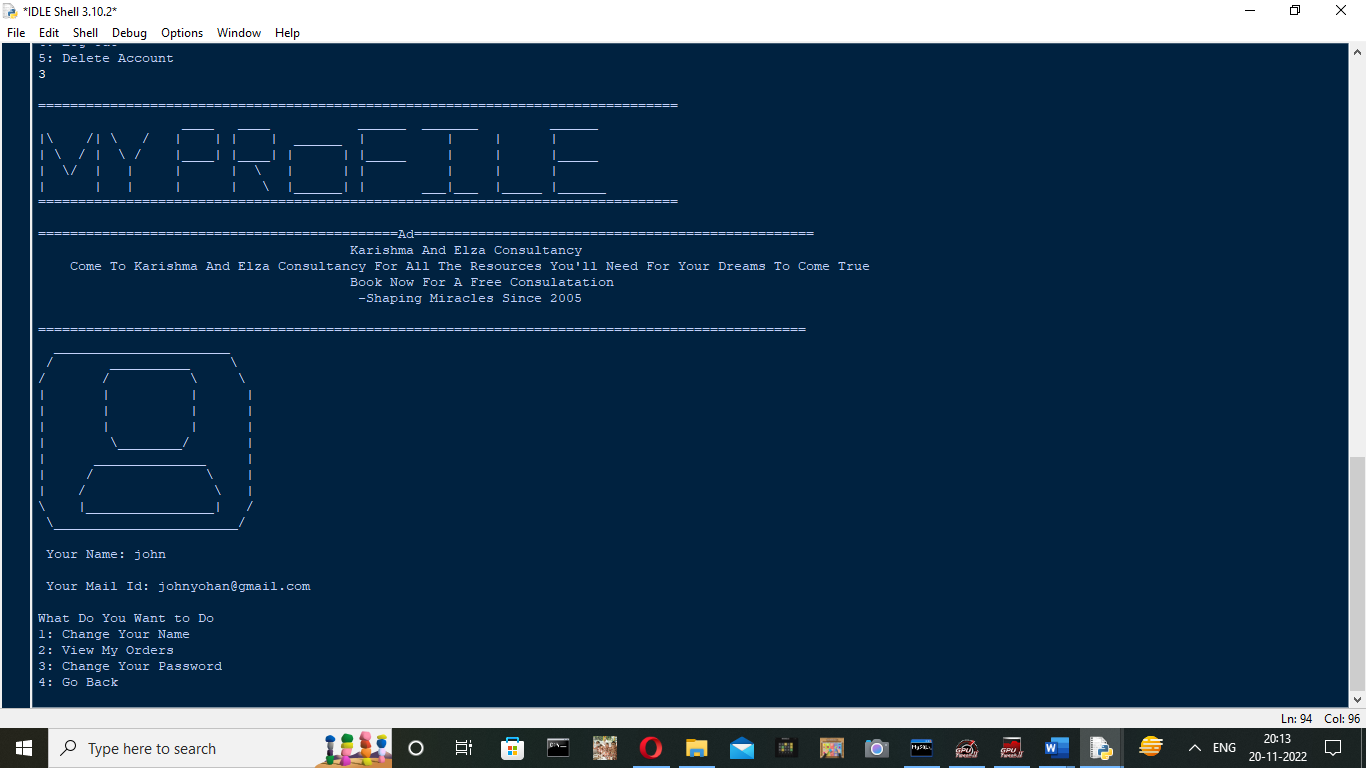
Creating Account



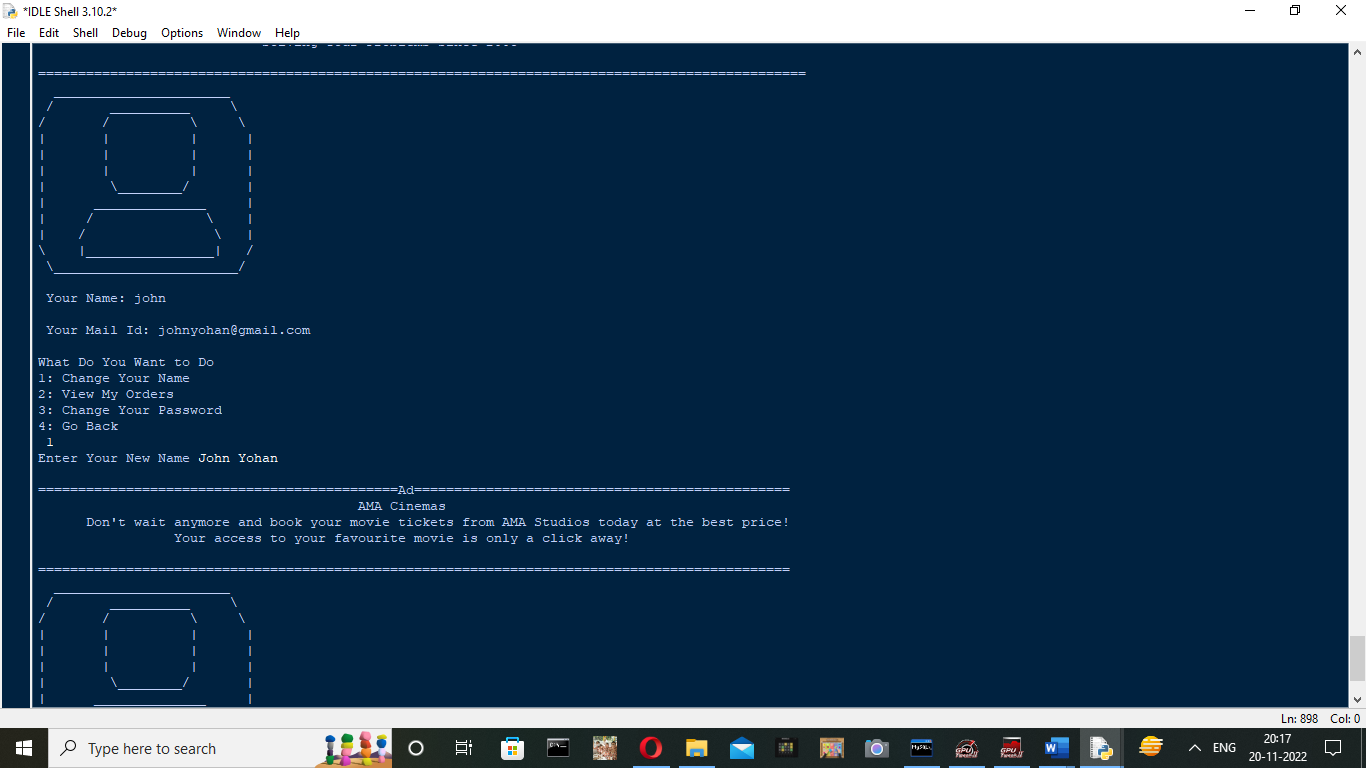
Log In

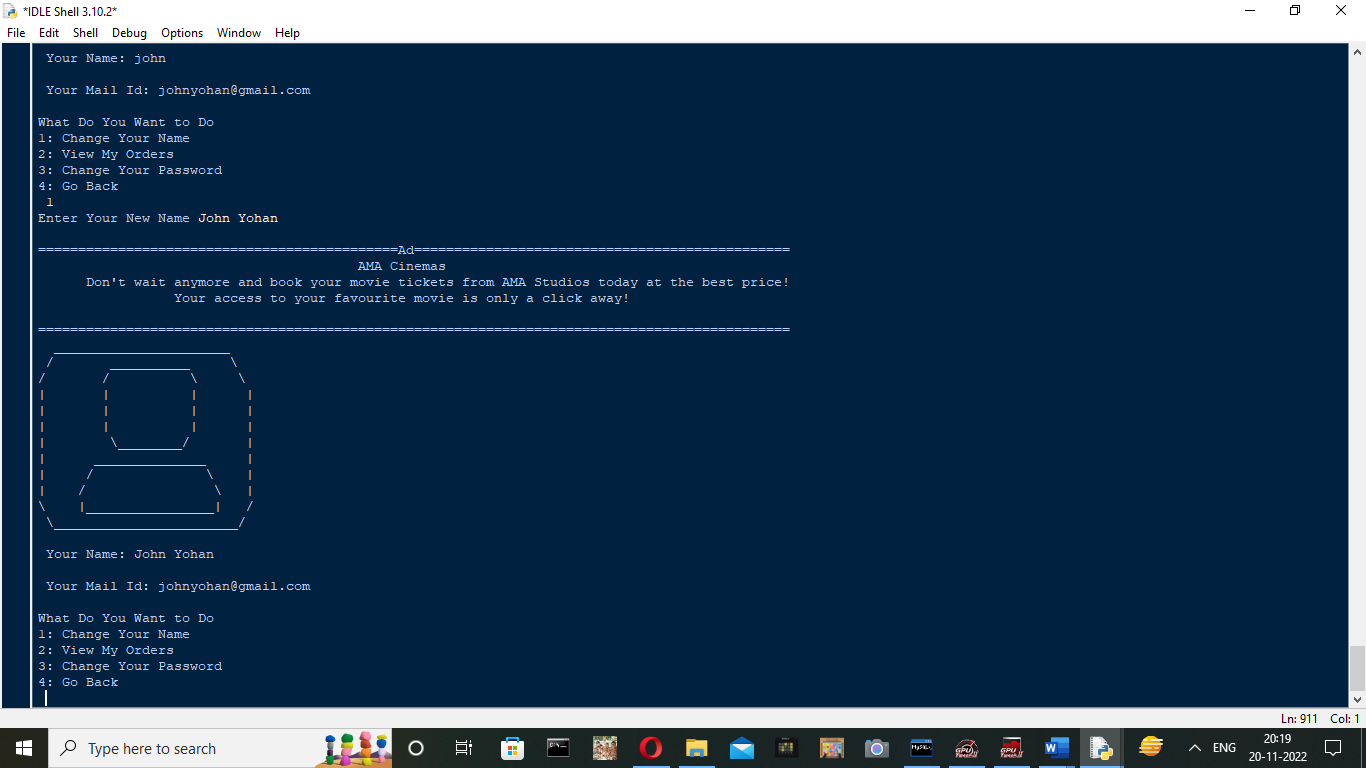


Viewing Your Profile

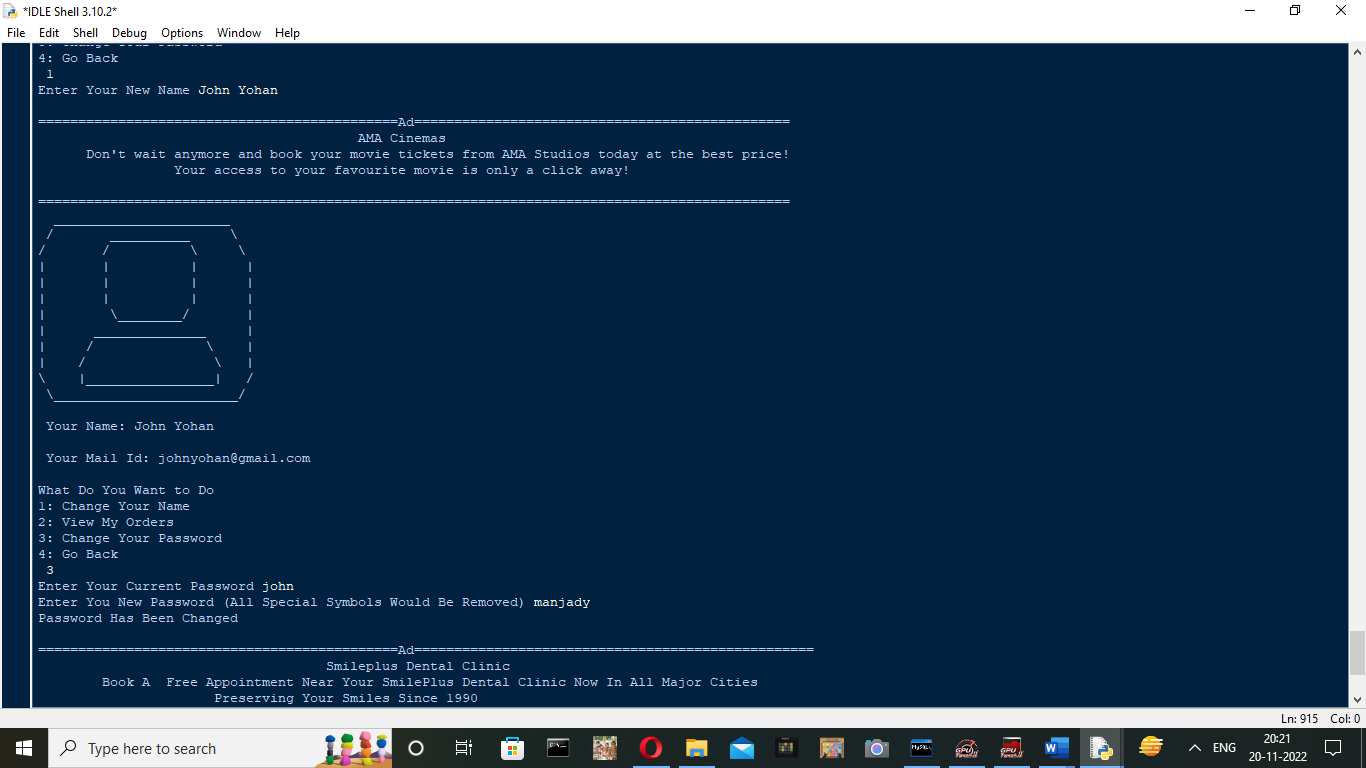


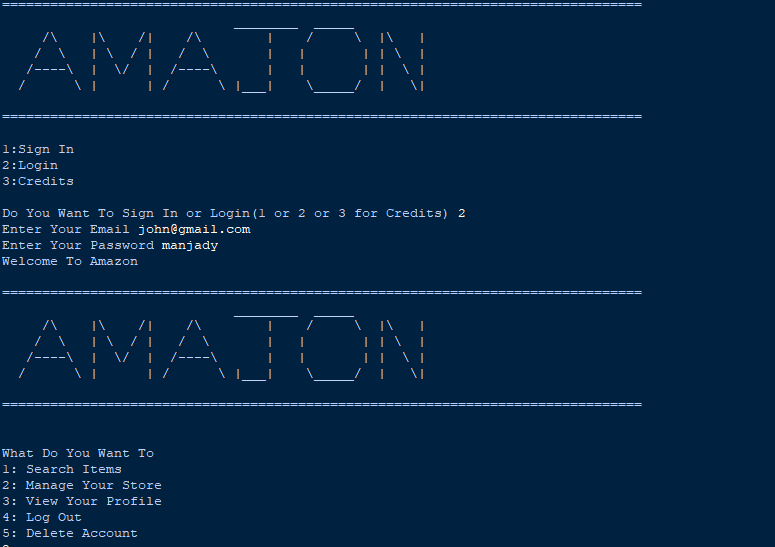
Changing Your Name





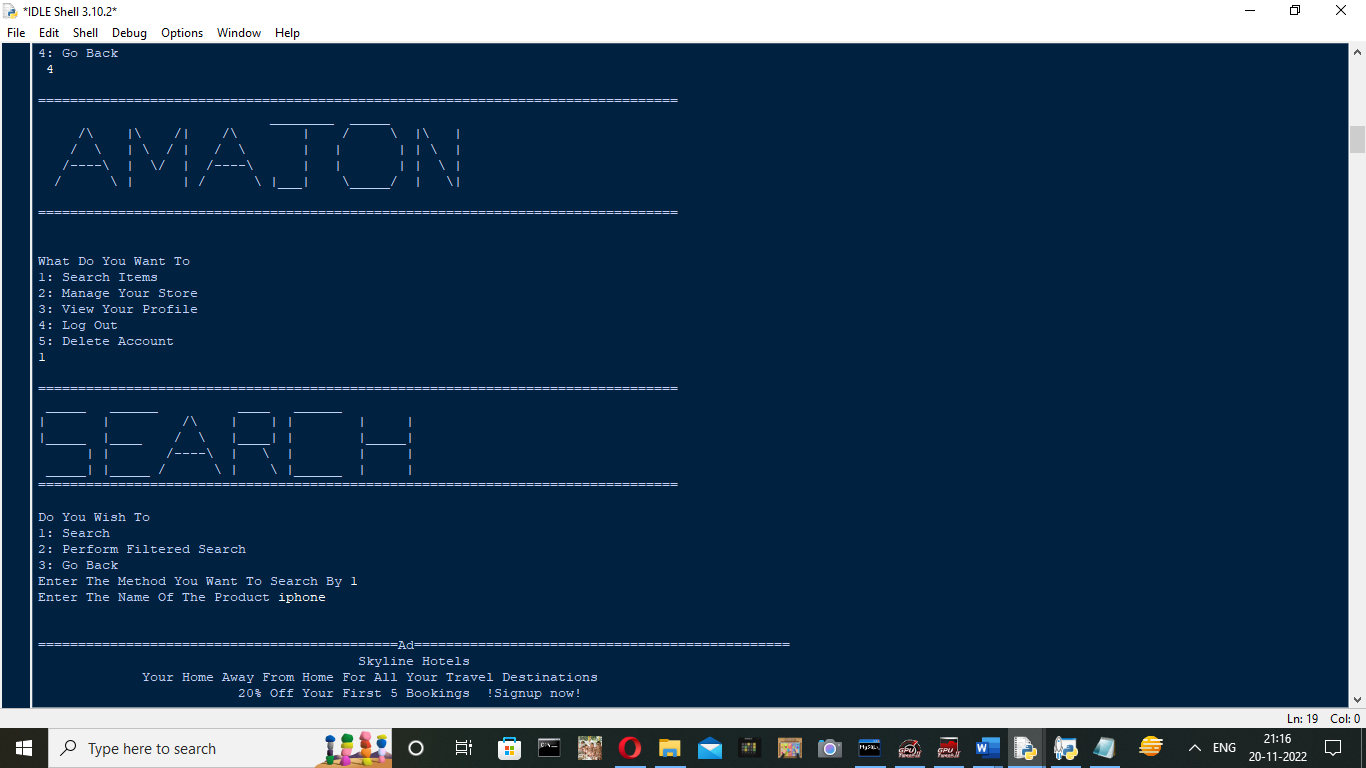
Changing Password

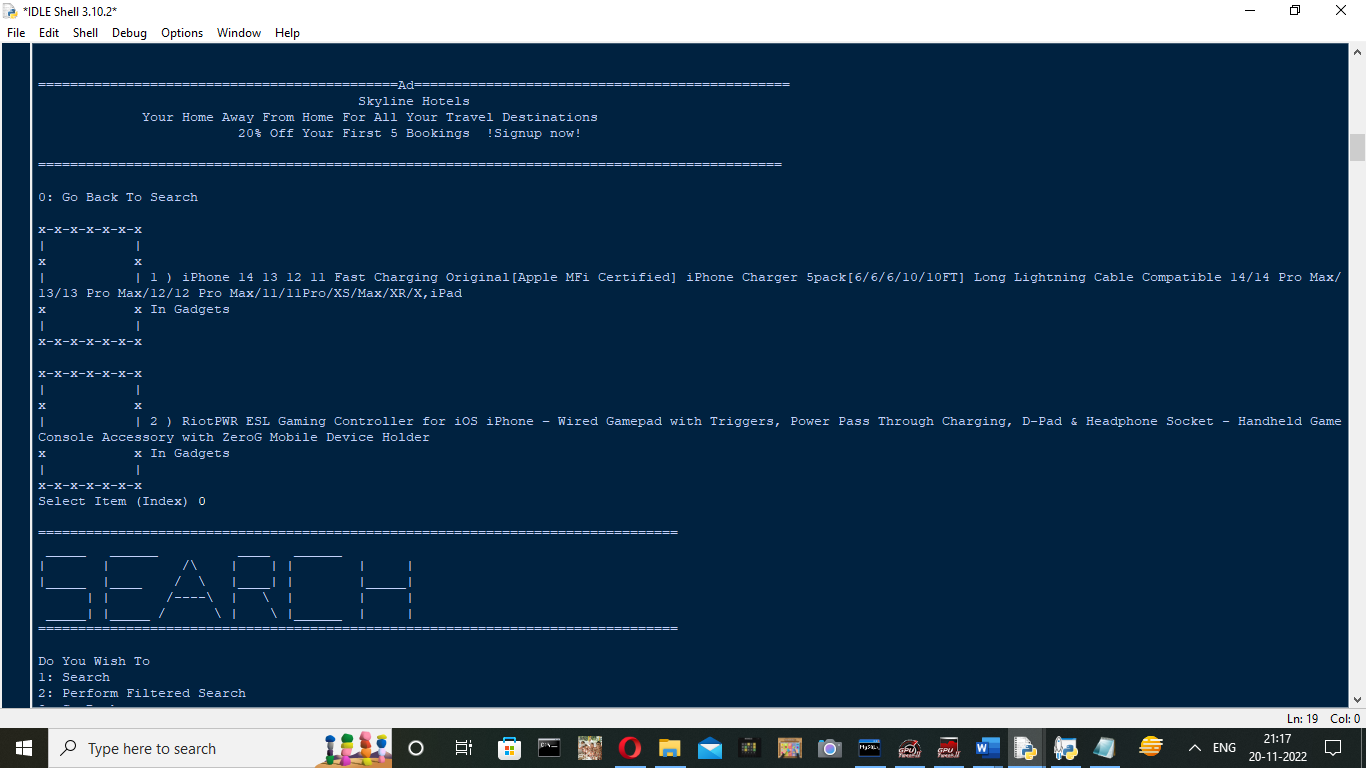




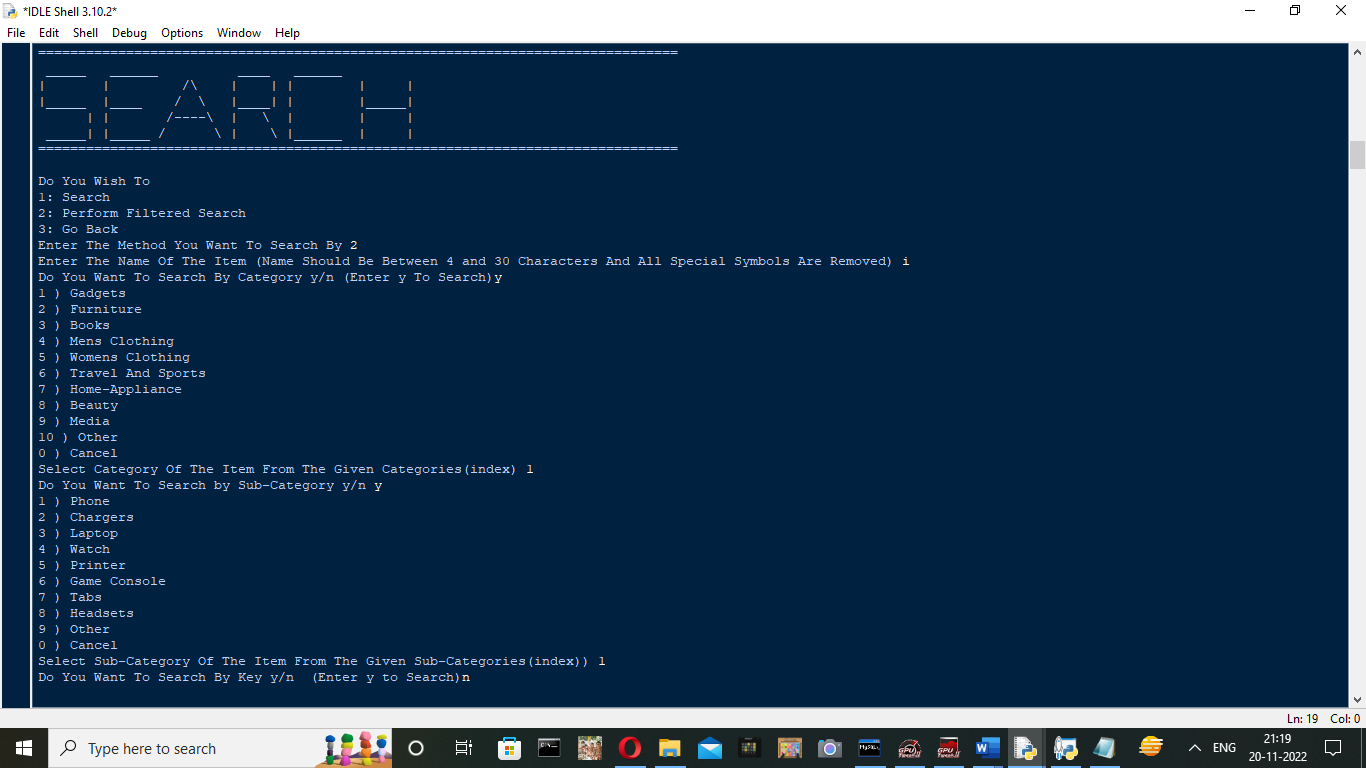
**Search Item)**

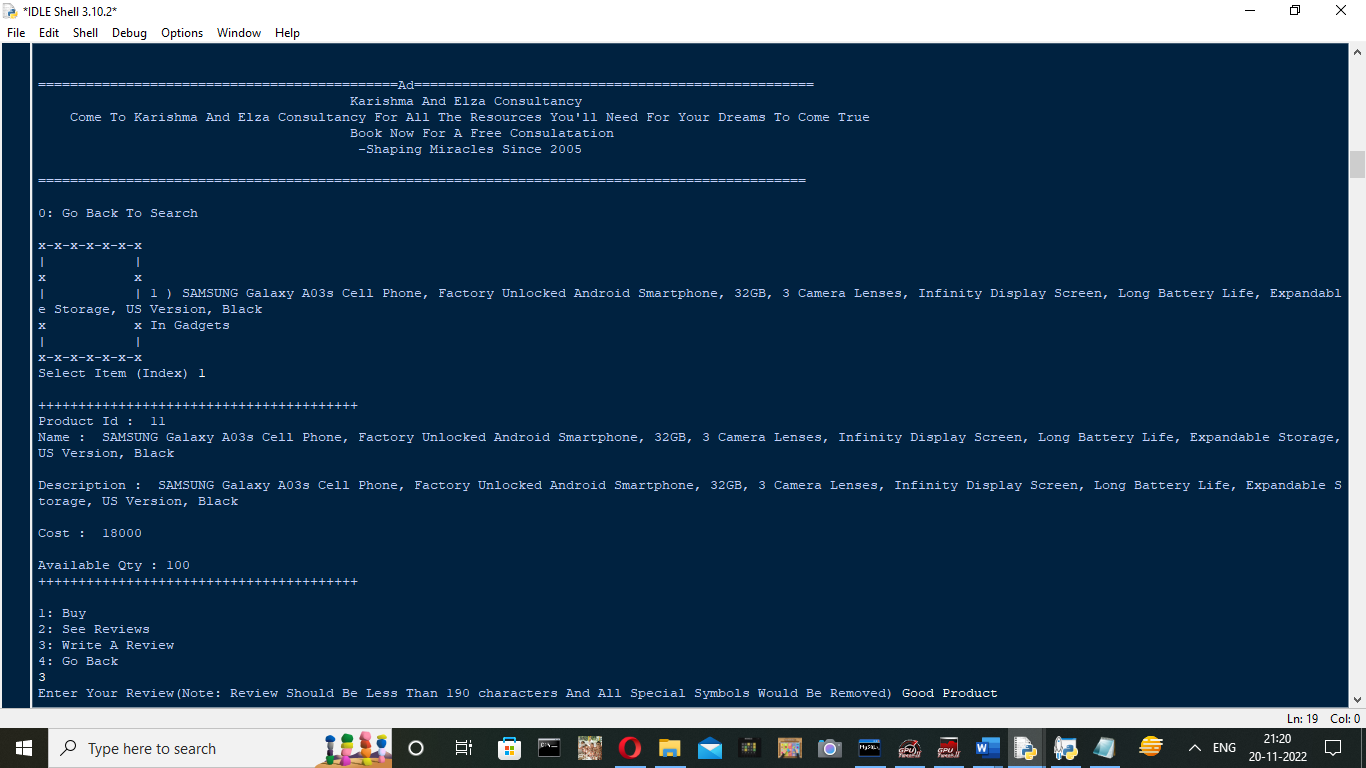
**Normal Search-**





**Filtered Search**

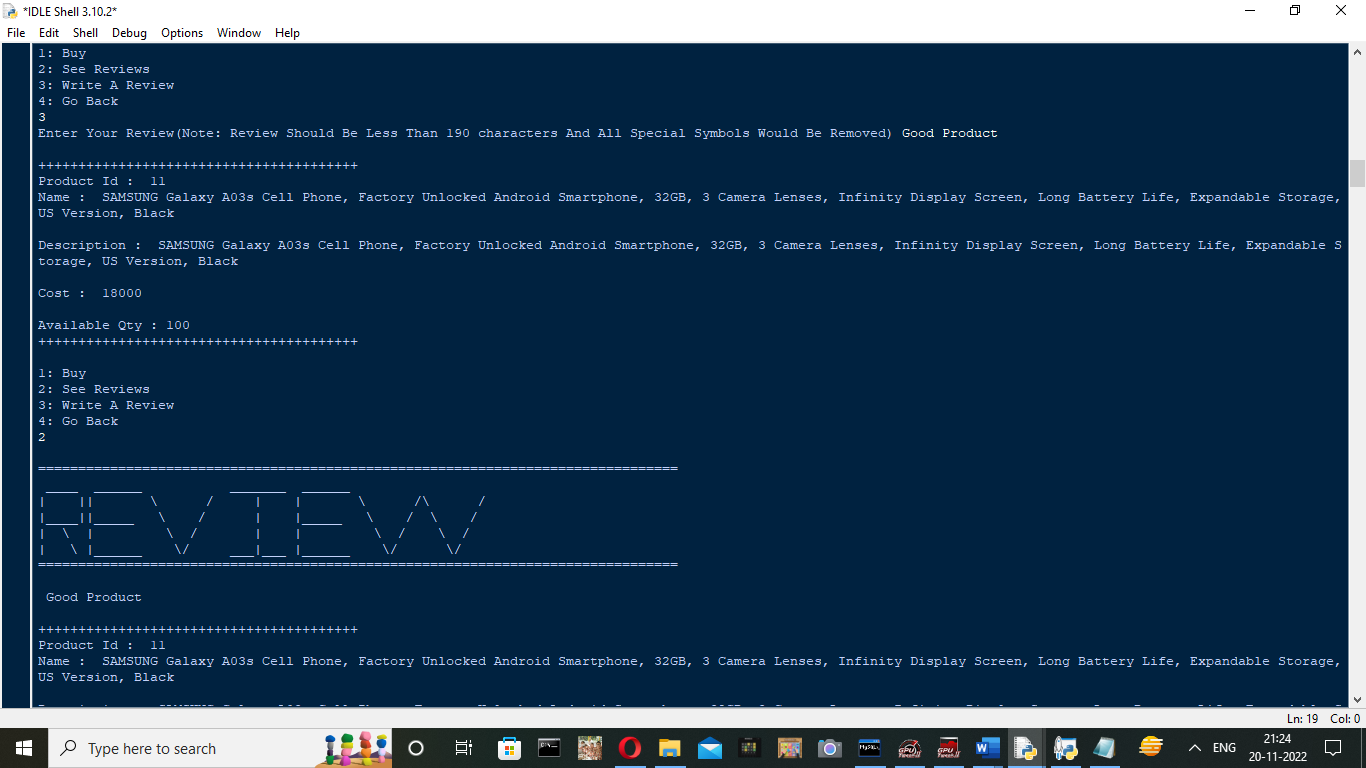




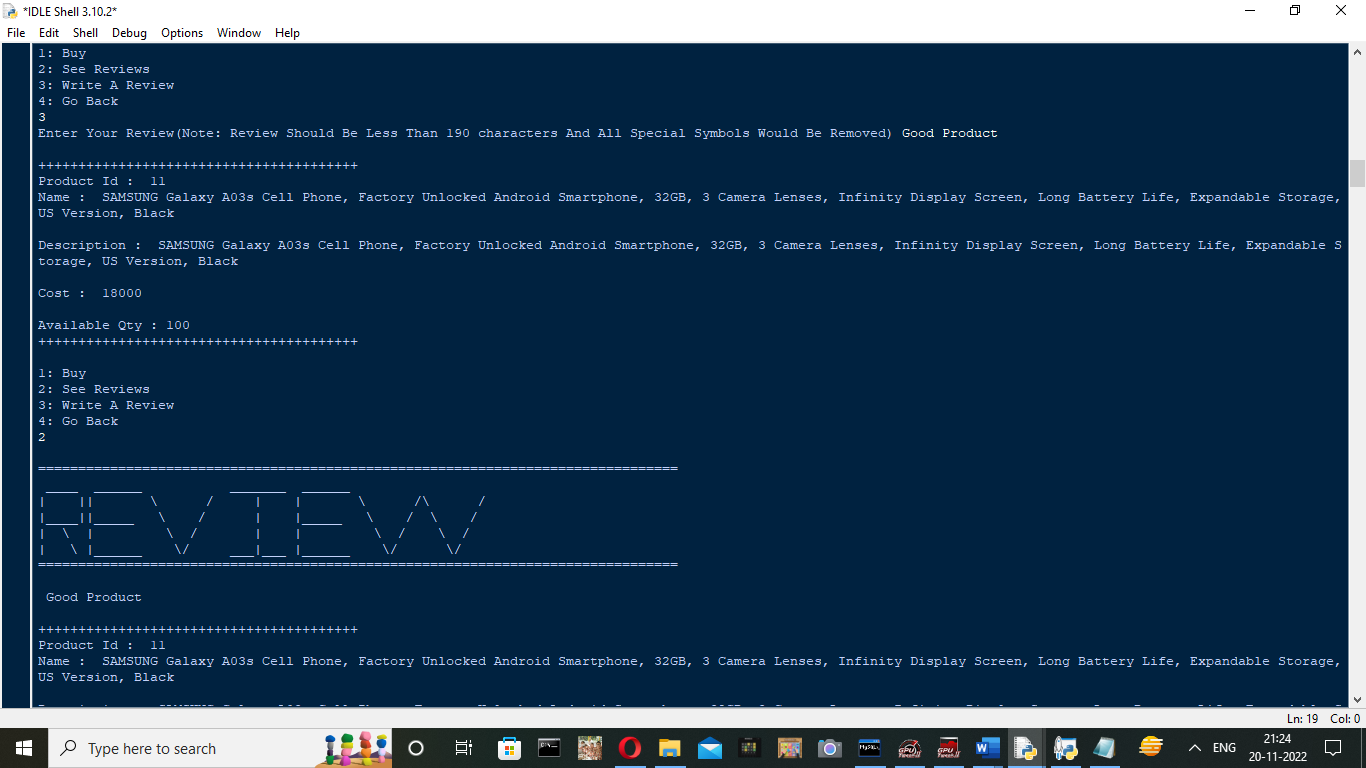
**View Item Details**



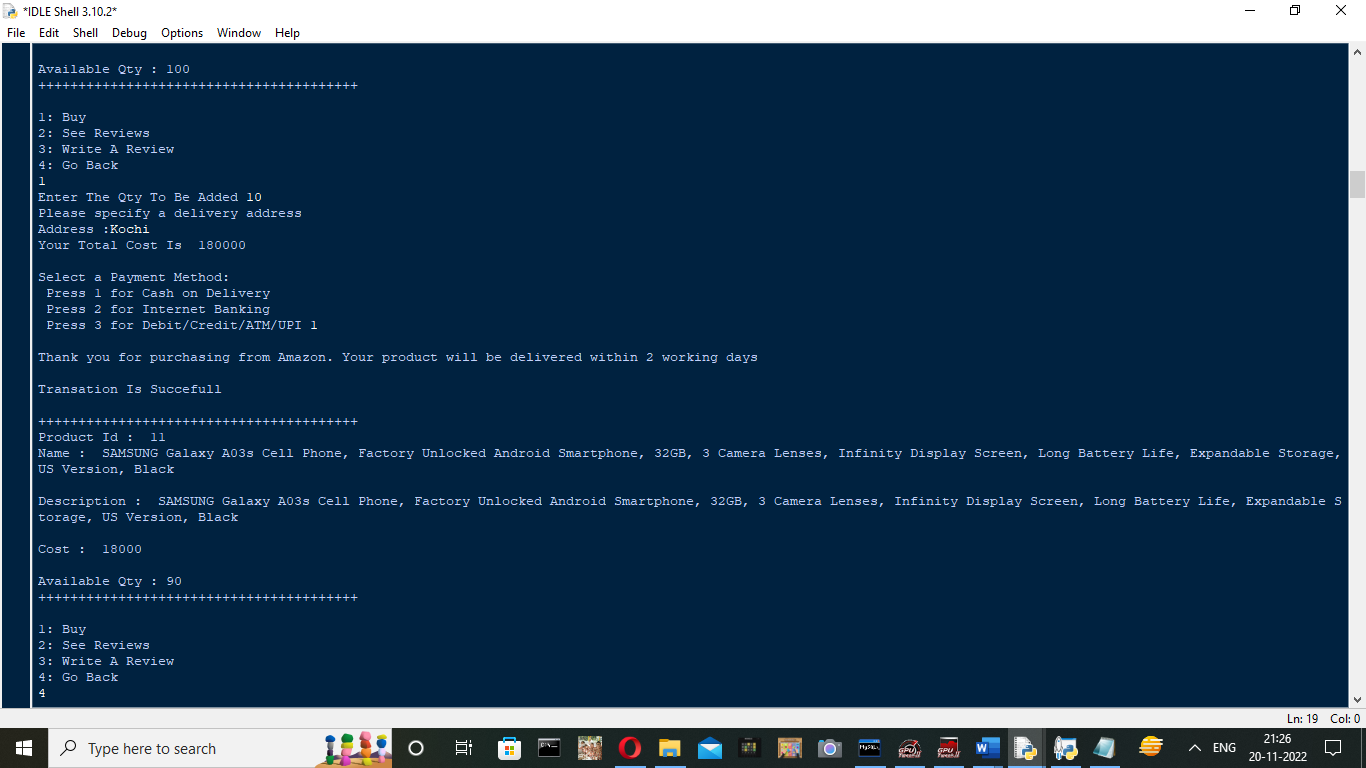
**Write a review**



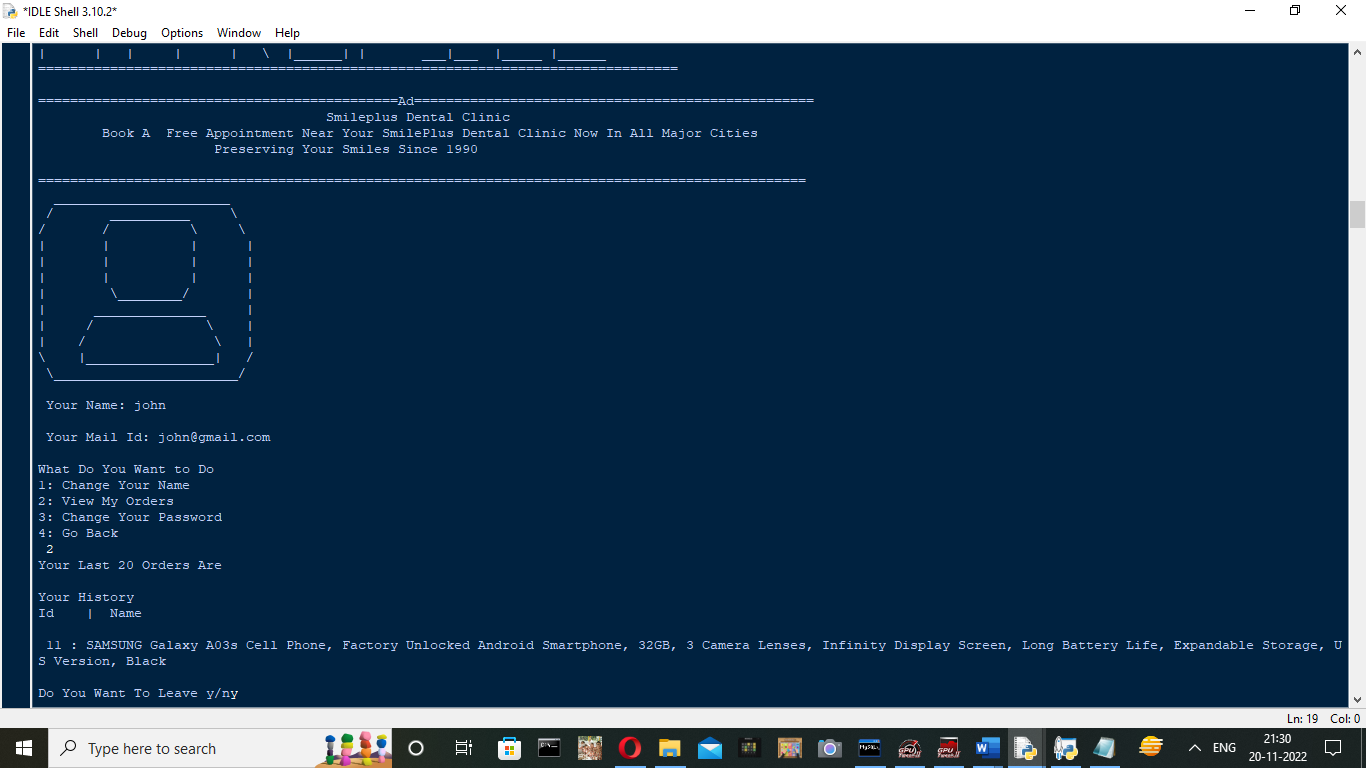
**View Reviews )**



**Buy Product)**

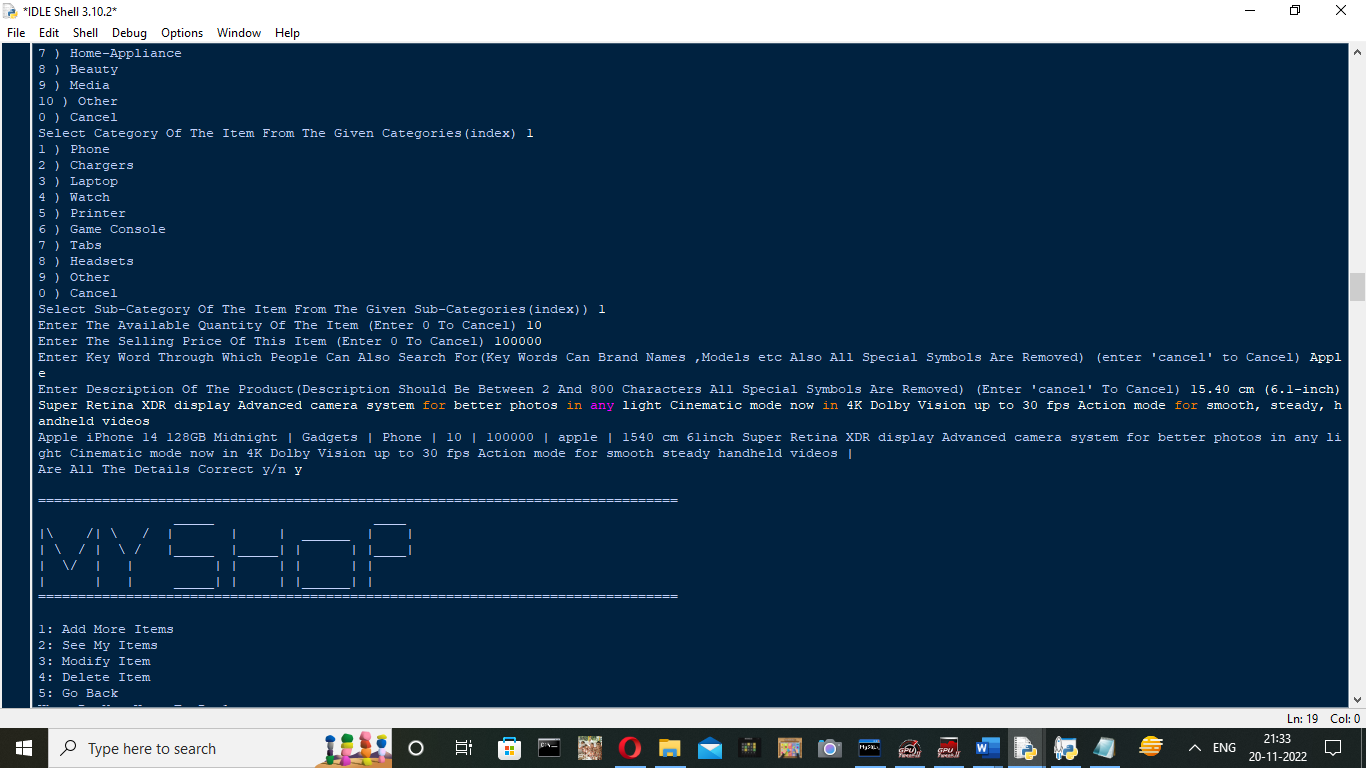


**View Order history)**

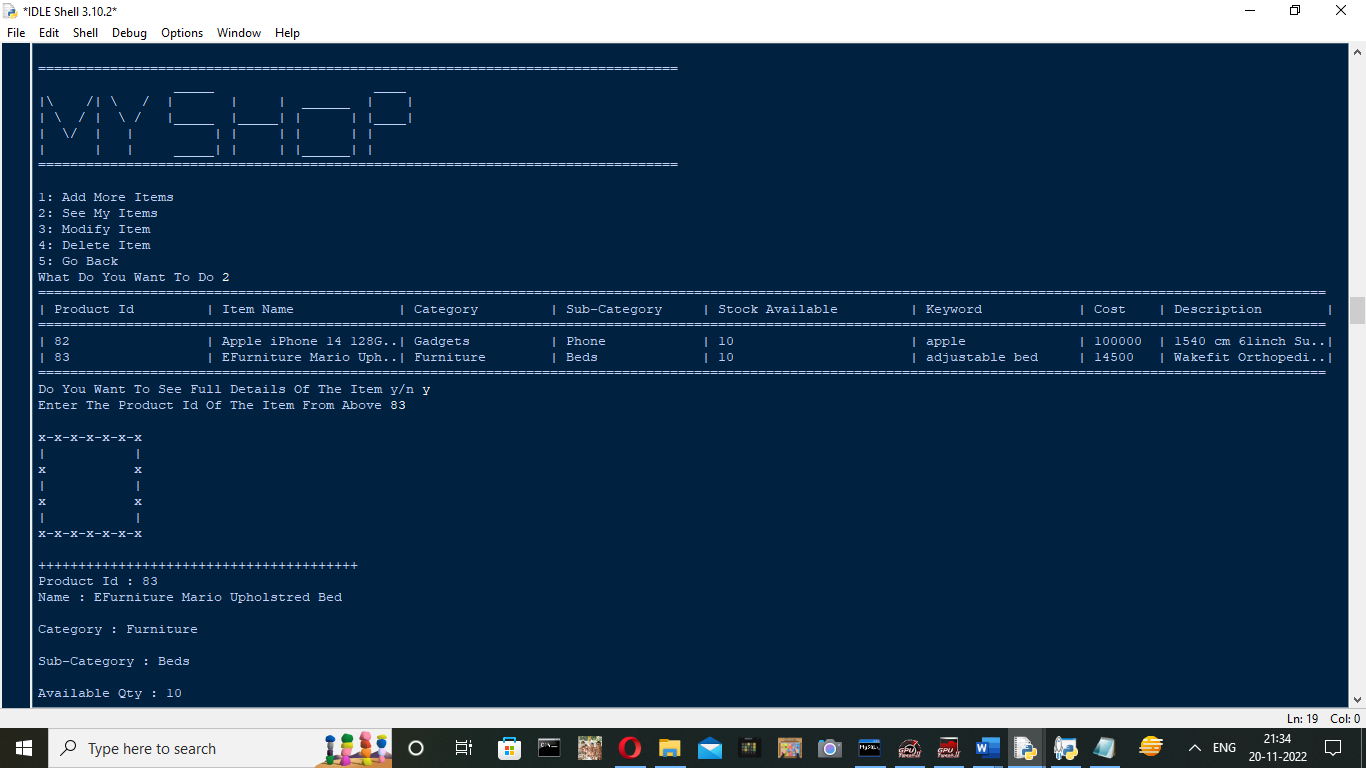


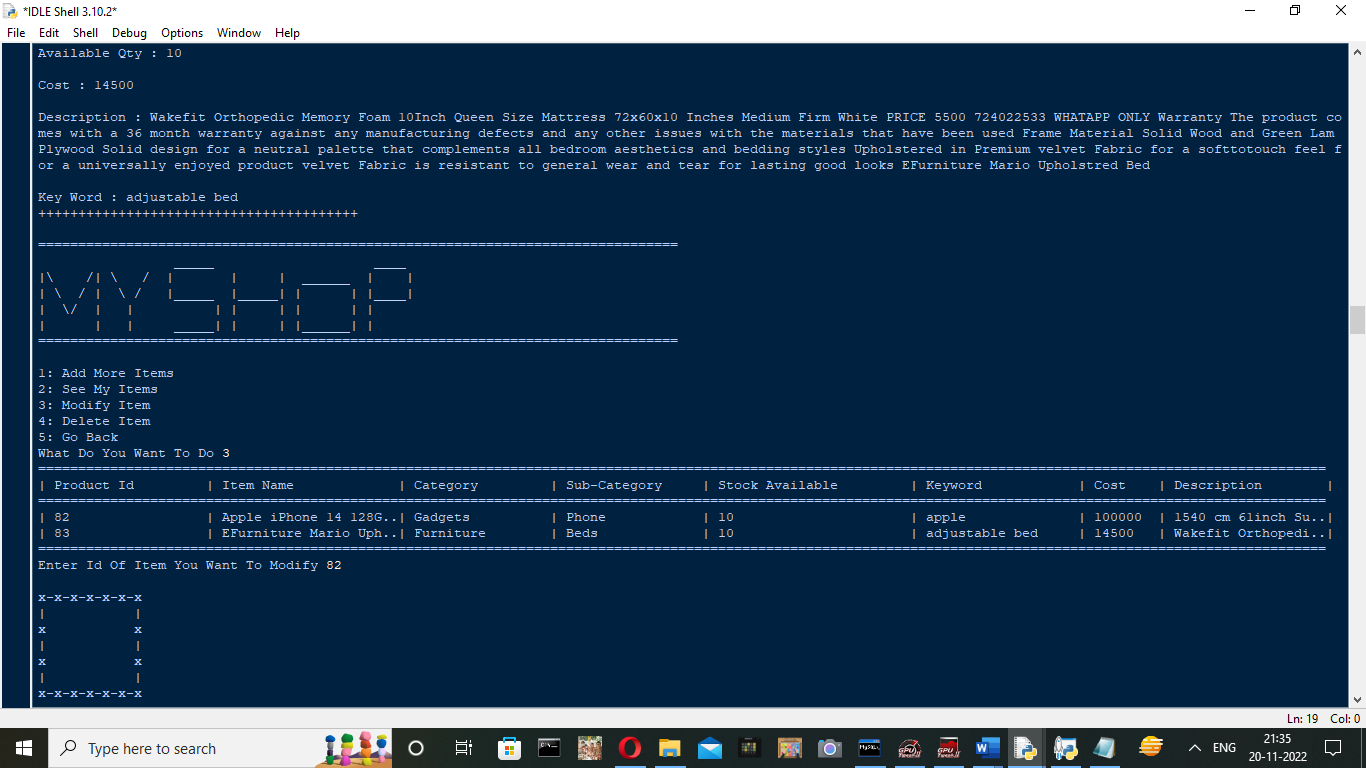
**Add Item to store)**



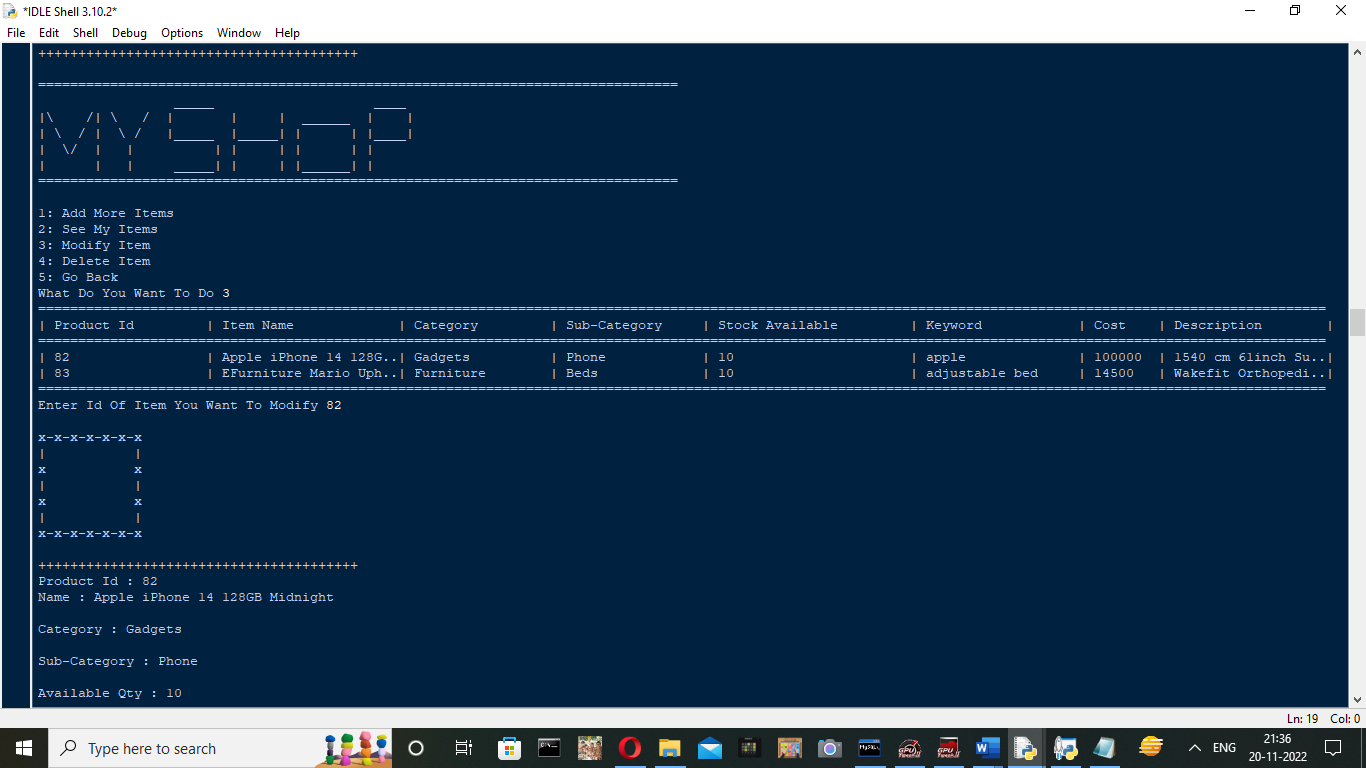


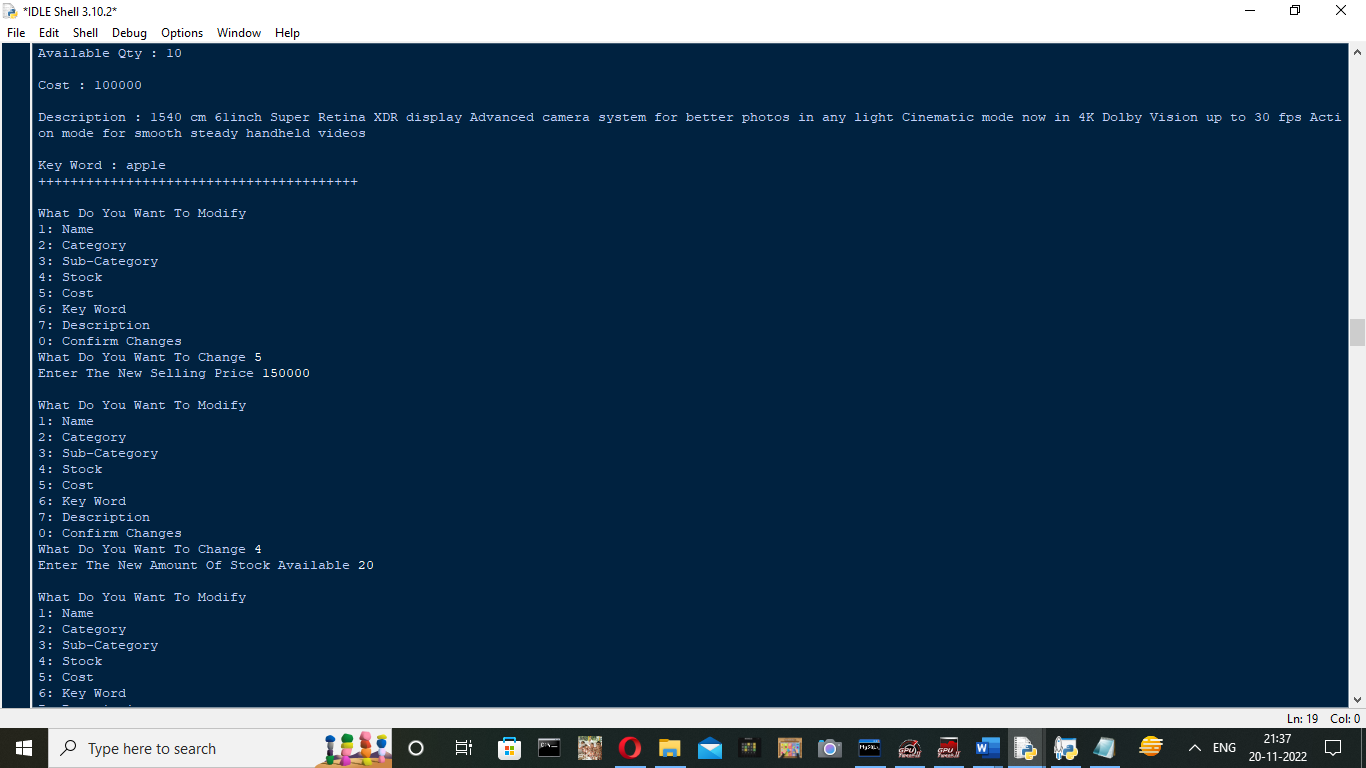
**View Items)**

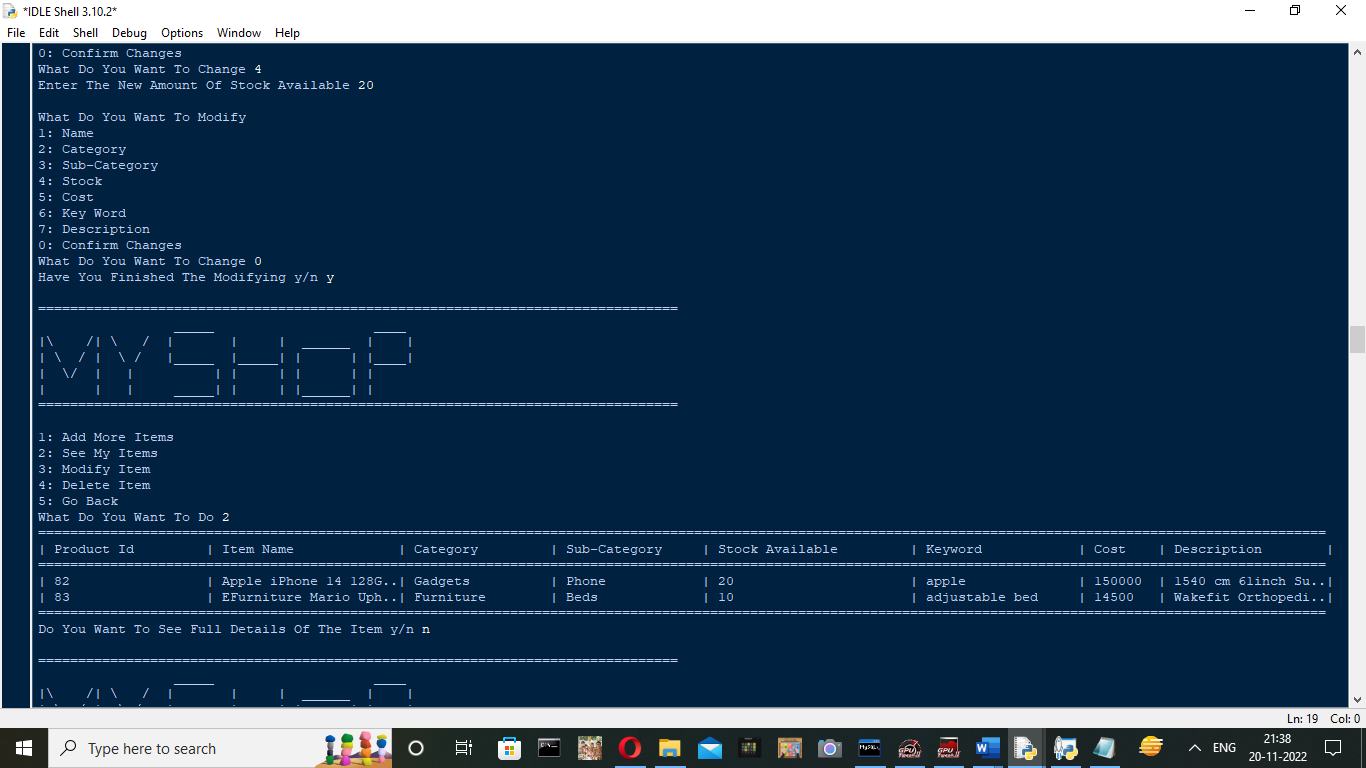




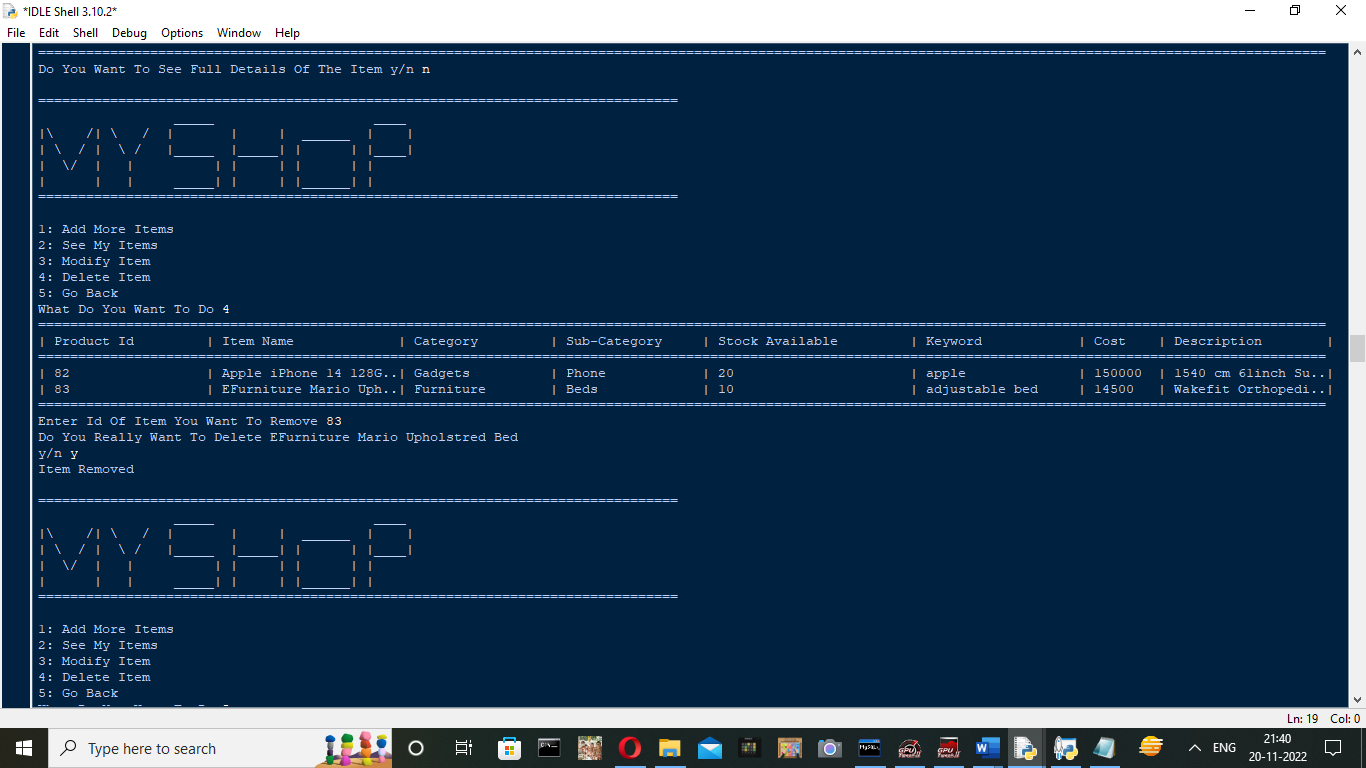
**Modify Items Of Your Shop)**

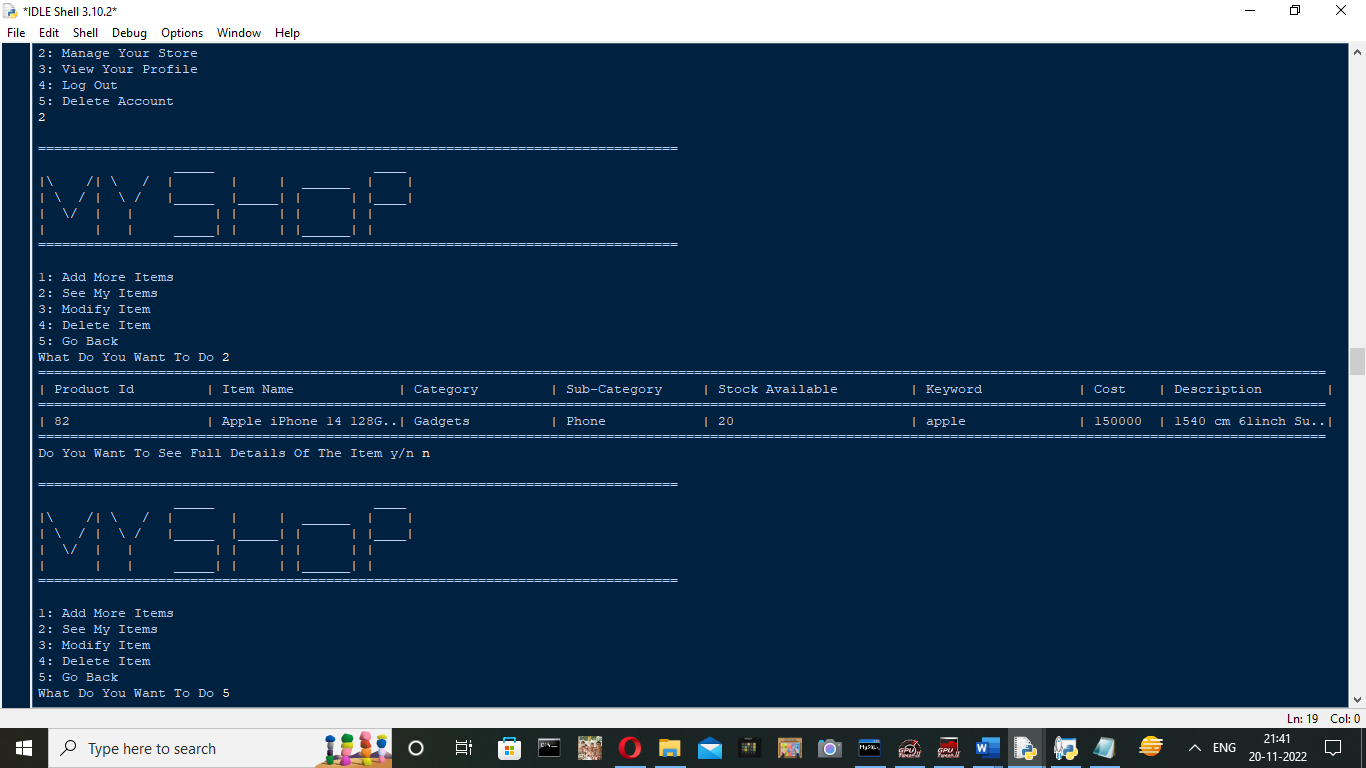




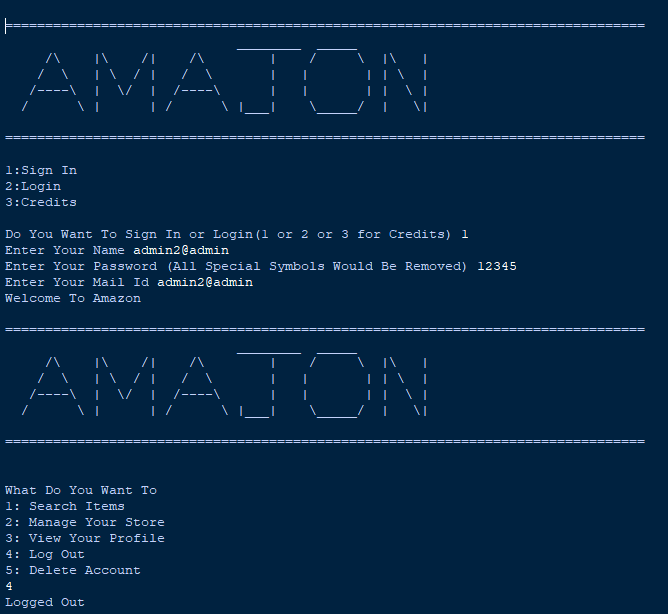


**Delete Item)**

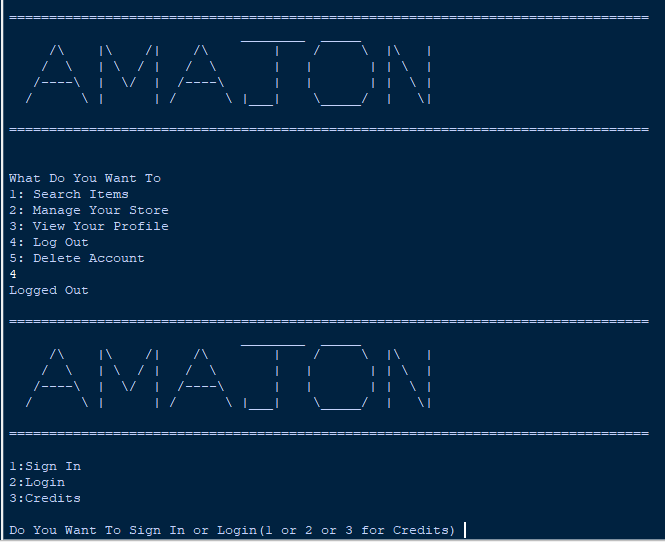




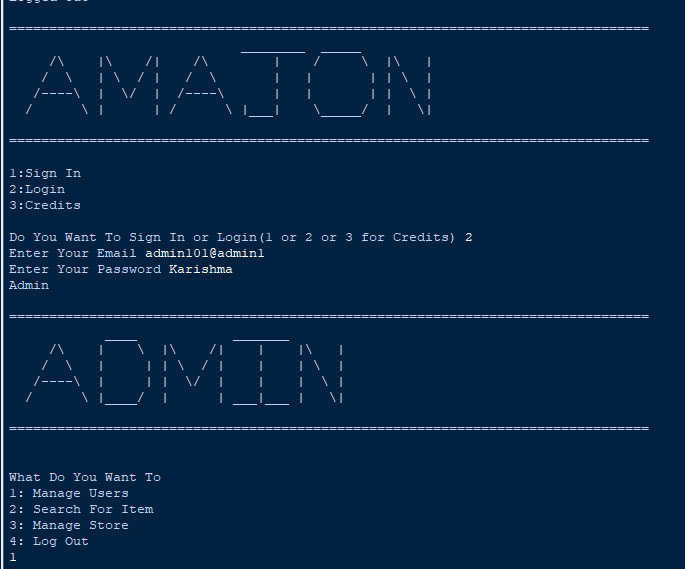
**Creating New Account )**



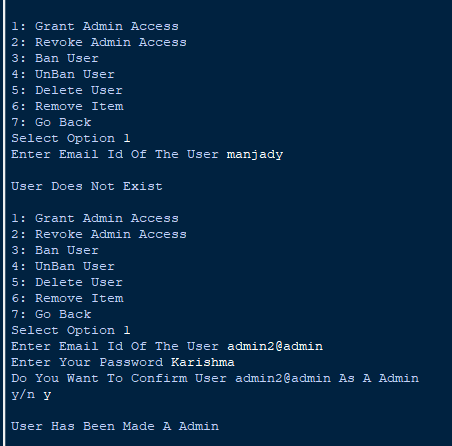
**Logging Out)**

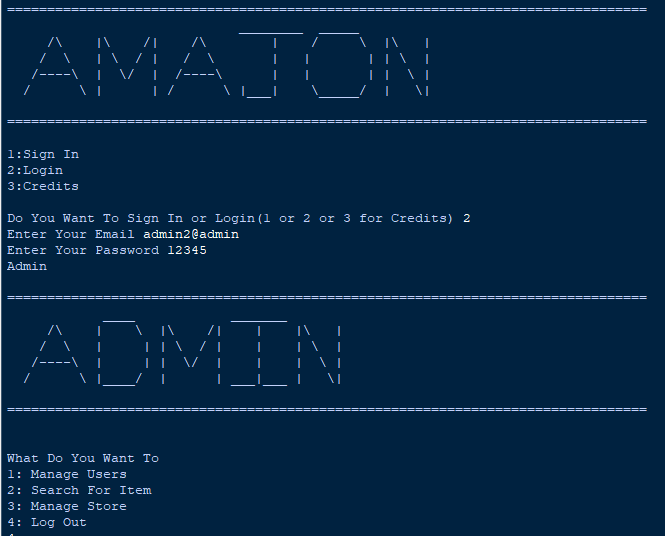


**Log in As A Admin)**

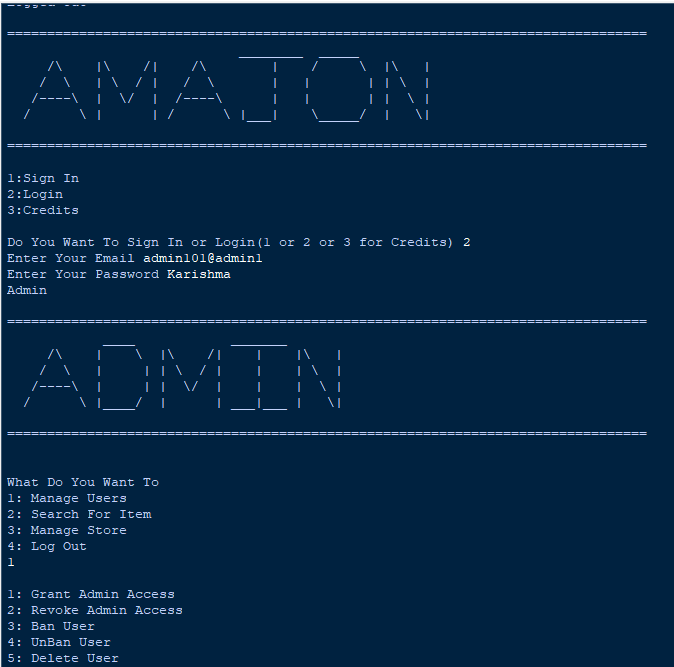


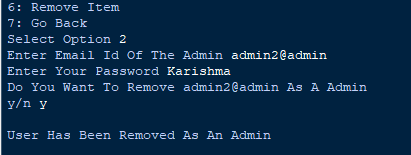
**Adding A New Admin As Admin)**

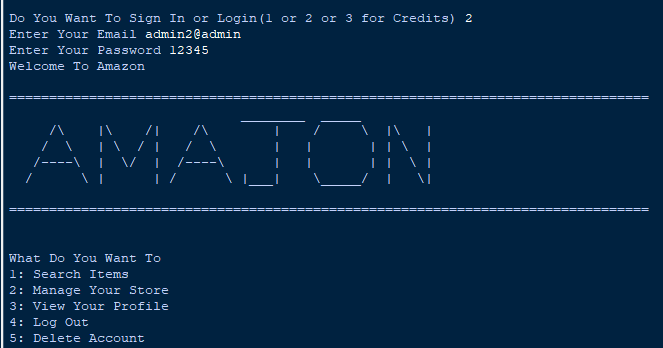




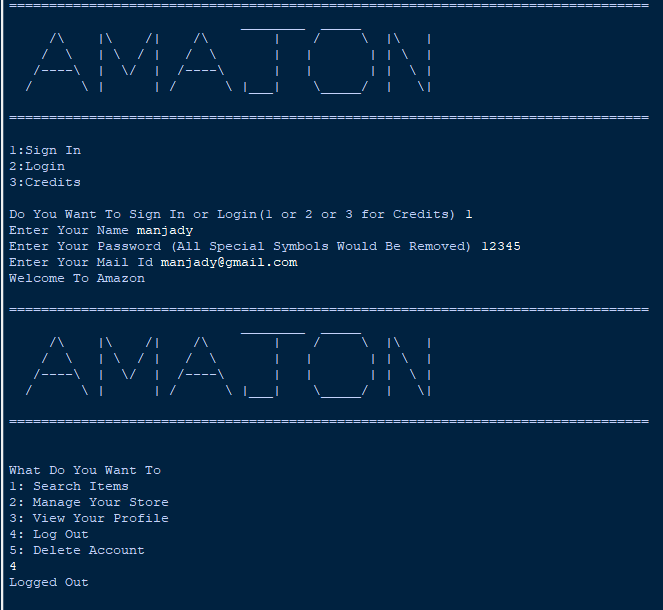
**Revoking Admin Status As A Admin)**





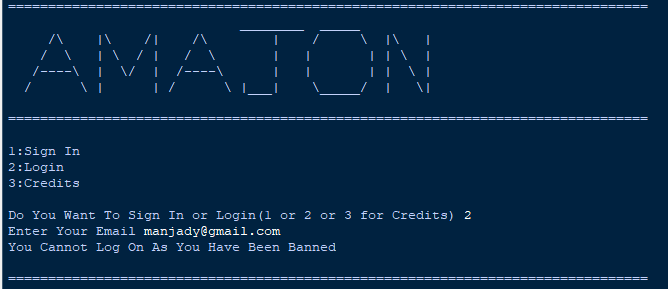


**Creating Another Account)**

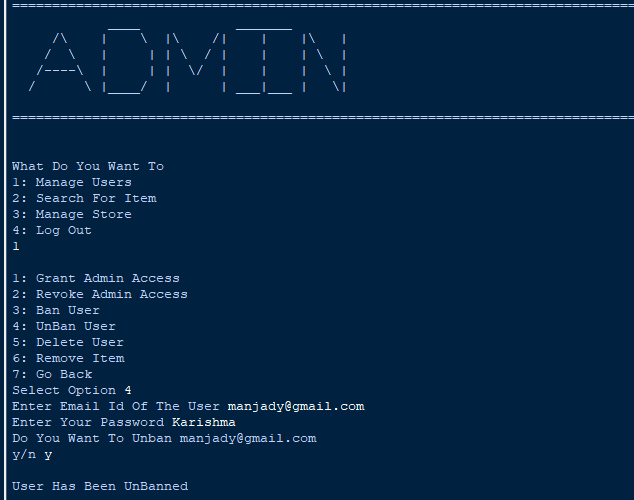


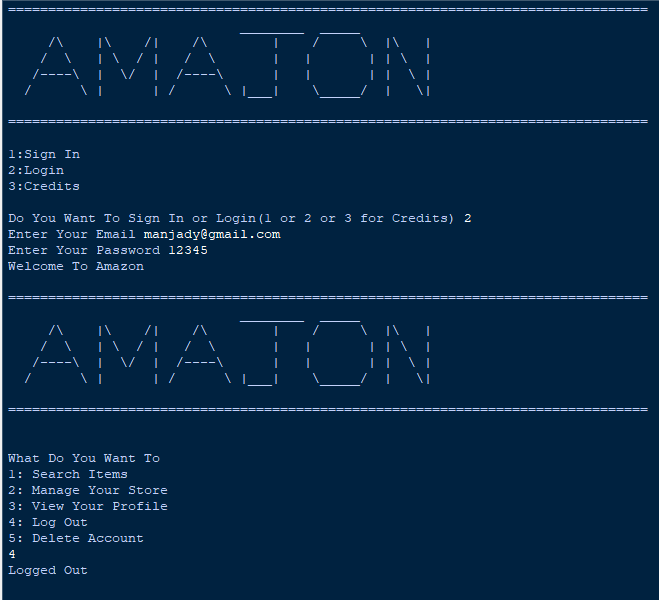
**Banning An Account As A Admin)**





**Unbanning An Account As An Admin)**



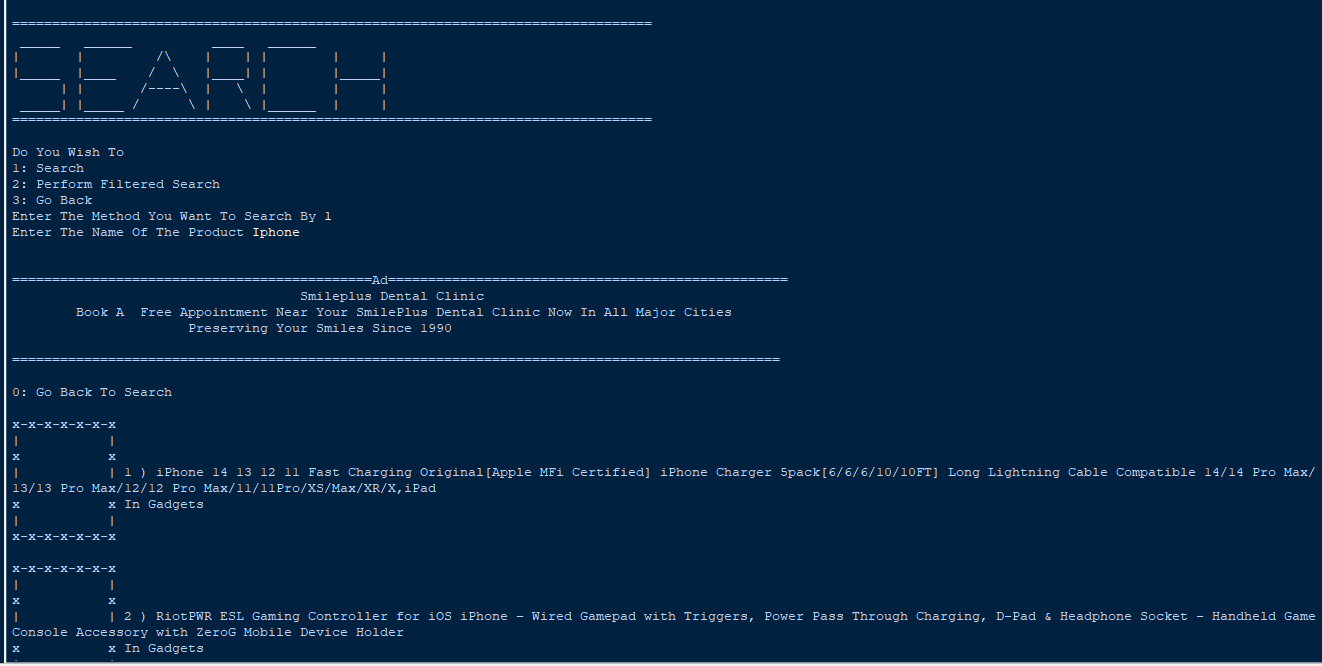


**Deleting Anther User As An Admin)**



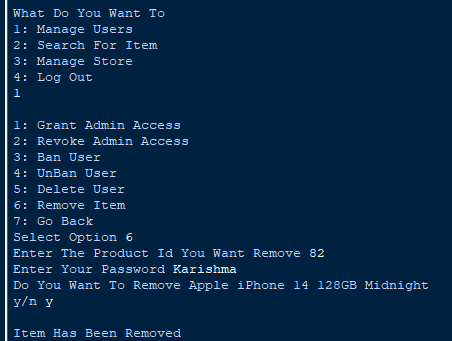


**Searching An Item In the Market place As An Admin)**



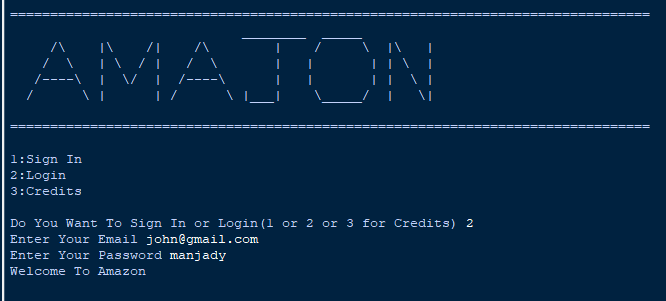


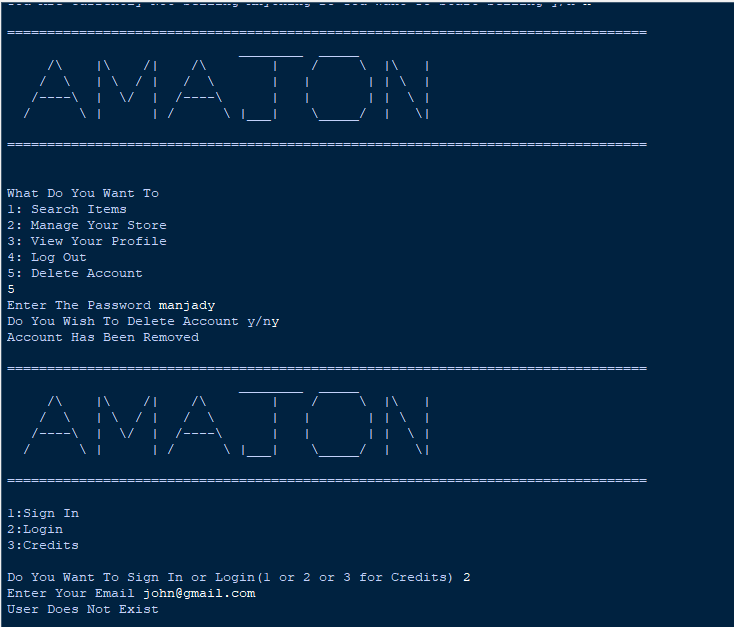
**Removing An Item From The Market Place As An Admin)**



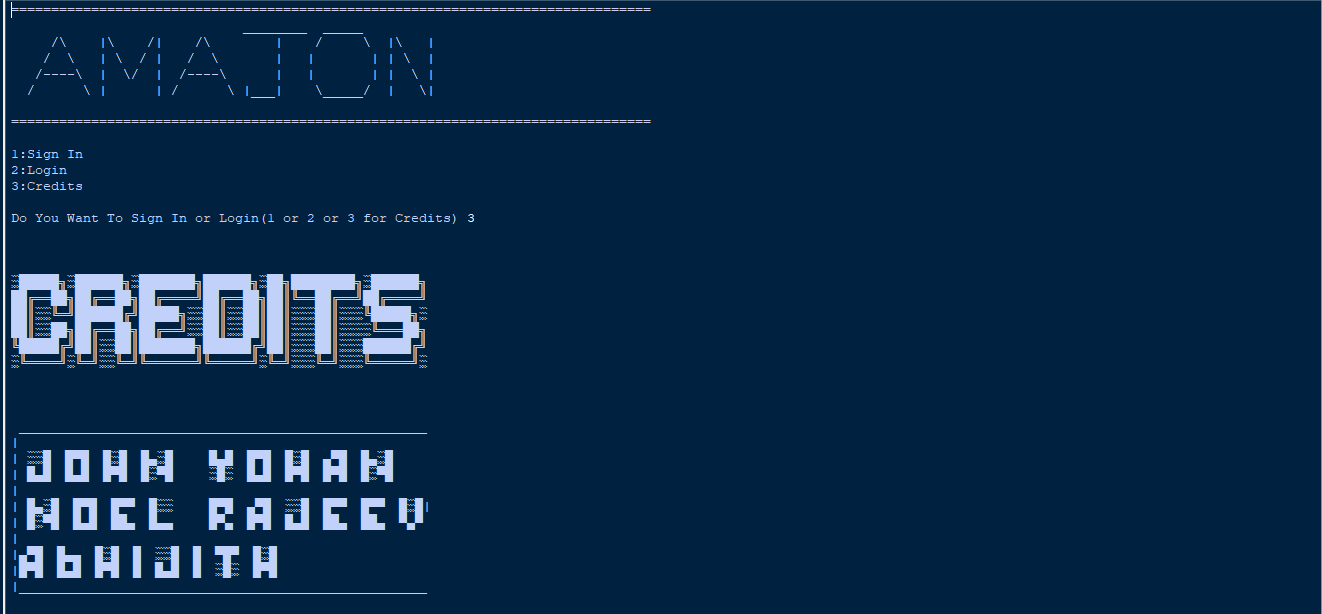


**Deleting Your User Account)**





**Credits)**



**CONCLUSION**

Using python and mysql, we were able to performing all the basic operations that take place in a digital shopping platform.

As we have shown above, we can perform functions searching items, buy items, writing reviews, creating ones own shop and be able to sell item, create an account with a strong encrypted password.

# BIBLIOGRAPHY

1. PREETI Arora Text Book Class 11 & 12
2. amazon.com for all the items