**MENU DRIVEN PROGRAM**

import os

import sys

from easygui import passwordbox

import addproduct

import editproduct

import delproduct

import viewpurchase

import viewproduct

import viewcustomer

import custdet

import purchaseproduct

import searchproduct

import graph

name=input("ENTER YOUR NAME :")

print("")

print("HELLO,",name)

print("")

print("")

f=open("head.txt","r")

file=f.read()

print(file)

f.close()

ans="y"

while True:

f=open("first.txt","r")

file=f.read()

print(file)

f.close()

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

print("")

if (choice==1):

password=passwordbox("Enter password:")

print(" PASSWORD SUCCESSFULLY ENTERED")

if password=="a":

print("")

print(":)-------------YOU WANT-------------:)")

f=open("second.txt","r")

file=f.read()

print(file)

f.close()

else:

print("Invalid password",name)

sys.exit()

while True:

print("")

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

if(c==1):

addproduct.AddProduct()

break

elif(c==2):

editproduct.editproduct()

break

elif(c==3):

delproduct.DelProduct()

break

elif(c==4):

viewproduct.ViewProduct()

break

elif(c==5):

viewpurchase.ViewPurchase()

break

elif(c==6):

custdet.customer\_det()

break

elif(c==7):

graph.Graph()

else:

print("Invalid choice")

ans=input("Do you want to run again?<y/n>:")

if ans=="n":

print("")

print("Its a good day to have a good day! :)")

sys.exit()

elif (choice==2):

print("")

print("-------------YOU WANT-------------")

f=open("third.txt","r")

file=f.read()

print(file)

f.close()

while True:

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

if(ch==1):

viewproduct.ViewProduct()

break

elif(ch==2):

searchproduct.Search()

break

elif(ch==3):

purchaseproduct.PurchaseProduct()

break

else:

print("Invalid choice")

ans=input("Do you want to run again?<y/n>:")

if ans=="n":

print("")

print("Its a good day to have a good day! :)")

sys.exit()

else:

print("\* \* \* \* \* \* \* \* \* \*INVALID CHOICE\* \* \* \* \* \* \* \* \* \*")

print("")

ans=input("Do you want to run again?<y/n>:")

**ADD PRODUCT**

import os

import mysql.connector

def AddProduct():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

wid=input("Enter the ID : ")

wbrand=input("Enter the brand : ")

wfor=input("Enter Male/Female:")

bandtype=input("Enter band material:")

color=input("Enter color:")

rate=int(input("Enter the Rates for Product :"))

sql= "INSERT INTO watch(w\_id,brand,w\_for,band\_type,colour,rate) VALUES (%s,%s,%s,%s,%s,%s)"

val=(wid,wbrand,wfor,bandtype,color,rate)

mycursor.execute(sql,val)

mycursor.close()

mydb.commit()

print("Product inserted ")

**EDIT PRODUCT**

import os

import mysql.connector

def editproduct():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

wid=input("Enter product ID to be edited : ")

sql="select \* from watch where w\_id=%s"

a=(wid,)

mycursor.execute(sql,a)

b=mycursor.fetchall()

for i in b:

print(i)

fld=input("Enter the field which you want to edit : ")

val=input("Enter the value you want to set : ")

sql="Update watch set " + fld +"='" + val + "' where w\_id='" +wid+"'"

sq=sql

mycursor.execute(sql)

print("Okay! Your Editing is done:) ")

print("After correction the record is : ")

sql="select \* from watch where w\_id=%s"

a=(wid,)

mycursor.execute(sql,a)

b=mycursor.fetchall()

for i in b:

print(i)

mycursor.close()

mydb.commit()

**DELETE PRODUCT**

import os

import mysql.connector

from tabulate import tabulate

def DelProduct():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

wid=input("Enter the id to be deleted : ")

id=(wid,)

sql="delete from purchase where item\_id=%s"

mycursor.execute(sql,id)

mydb.commit()

sql="delete from watch where w\_id=%s"

mycursor.execute(sql,id)

mydb.commit()

print("One Item Deleted")

**VIEW PRODUCT**

import os

import mysql.connector

from tabulate import tabulate

def ViewProduct():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

mycursor.execute("select \* from watch")

data=mycursor.fetchall()

print(tabulate(data,headers=["w\_id","brand","w\_for","band\_type","colour","rate"],tablefmt="psql"))

**VIEW CUSTOMER**

import os

import mysql.connector

def ViewCustomer():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

name=input("Enter your name:")

while True:

phone=input("Enter your phone number(10-digits):")

num=str(phone)

if len(num)==10:

break

else:

print("Please enter valid phone number!")

age=int(input("Enter your age:"))

add=input("Enter your address:")

sql= "INSERT INTO customer(Name,Phone\_Number,Age,Address) VALUES (%s,%s,%s,%s)"

val=(name,num,age,add)

mycursor.execute(sql,val)

mycursor.close()

mydb.commit()

print("THANKYOU!")

**SEARCH PRODUCT**

import os

import mysql.connector

from tabulate import tabulate

def Search():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

print("Select the category to display the details")

print("1. Brand Name")

print("2. Watch For")

ch=int(input("Enter your choice to display : "))

if ch==1:

val=input("Enter the Brand>? ")

st="select \* from watch where watch.brand='%s'"%(val)

mycursor.execute(st)

data=mycursor.fetchall()

elif ch==2:

val=input("You want to display for <Male/ Female>? ")

st="select \* from watch where w\_for='%s'"%(val)

elif ch==3:

val=input("Enter colour>?")

st="select \* from watch.colour='%s'"%(val)

mycursor.execute(st)

data=mycursor.fetchall()

print(tabulate(data,headers=["brand","band\_type","colour","rate"],tablefmt="psql"))

else:

print(error)

mycursor.execute(st)

data=mycursor.fetchall()

print(tabulate(data,headers=["Product\_ID","Product\_Name","Product\_For","Type","Color","Rate"],tablefmt="psql"))

**VIEW PURCHASED ITEMS**

import os

import mysql.connector

from tabulate import tabulate

def ViewPurchase():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

item=input("Enter Product Name : ")

sql="select watch.w\_id,watch.brand,purchase.no\_of\_items,purchase.purchase\_date,purchase.amount from watch INNER JOIN purchase ON watch.w\_id=purchase.item\_id and watch.brand=%s"

itm=(item,)

mycursor.execute(sql,itm)

res=mycursor.fetchall()

print(tabulate(res,headers=["w\_id","brand","date\_of\_sale","amount"],tablefmt="psql"))

**PURCHASE**

import os

import mysql.connector

from tabulate import tabulate

import viewcustomer

import datetime

import time

import custdet

def PurchaseProduct():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

mn=""

dy=""

now=datetime.datetime.now()

wid="P"+str(now.year)+str(now.month)+str(now.day)+str(now.hour)+str(now.minute)+str(now.second)

L=[]

Lst=[]

L.append(wid)

itemId=input("Enter Product ID : ")

L.append(itemId)

itemNo=int(input("Enter the number of Items : "))

L.append(itemNo)

sql="select rate from watch where w\_id=%s"

wid=(itemId,)

mycursor.execute(sql,wid)

b=mycursor.fetchone()

for x in b:

print("rate is : ", x)

amount=x\*itemNo

L.append(amount)

mnth=now.month

if mnth<=9:

mn="0"+str(mnth)

else:

mn=str(mnth)

day=now.day

if day<=9:

dy="0"+str(day)

else:

dy=str(day)

dt=str(now.year)+"-"+mn+"-"+dy

L.append(dt)

tp=(L)

sql="insert into purchase(purchase\_id,item\_id,no\_of\_items,amount,Purchase\_date)values(%s,%s,%s,%s,%s)"

mycursor.execute(sql,tp)

mydb.commit()

print("Please fill mandatory details below.")

viewcustomer.ViewCustomer()

print("")

print("SIT BACK AND RELAX TILL WE GENERATE YOUR BILL!")

time.sleep(2)

print("Loading....!")

time.sleep(2)

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

print(" UNIQUE WATCH STORE ")

print(" ")

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

print(" ")

print(" ","YOUR GRAND TOTAL= RS.",amount," ")

print(" ")

print("\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*--\*-\*-\*-THANKYOU AND PLEASE VISIT AGAIN \*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\* ")

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

mycursor.close()

mydb.commit()

**GRAPH**

import mysql.connector

import datetime

import matplotlib.pyplot as plt

def Graph():

mydb= mysql.connector.connect(host="localhost",user="root",passwd="priya",database="cs")

mycursor=mydb.cursor()

mycursor.execute("Select sum(amount),Purchase\_date from purchase group by Purchase\_date")

myrecords=mycursor.fetchall()

Purchase\_date=[]

amount=[]

for i in range (len(myrecords)):

Purchase\_date.append(myrecords[i][0])

amount.append(myrecords[i][1])

plt.plot(amount,Purchase\_date,marker='o')

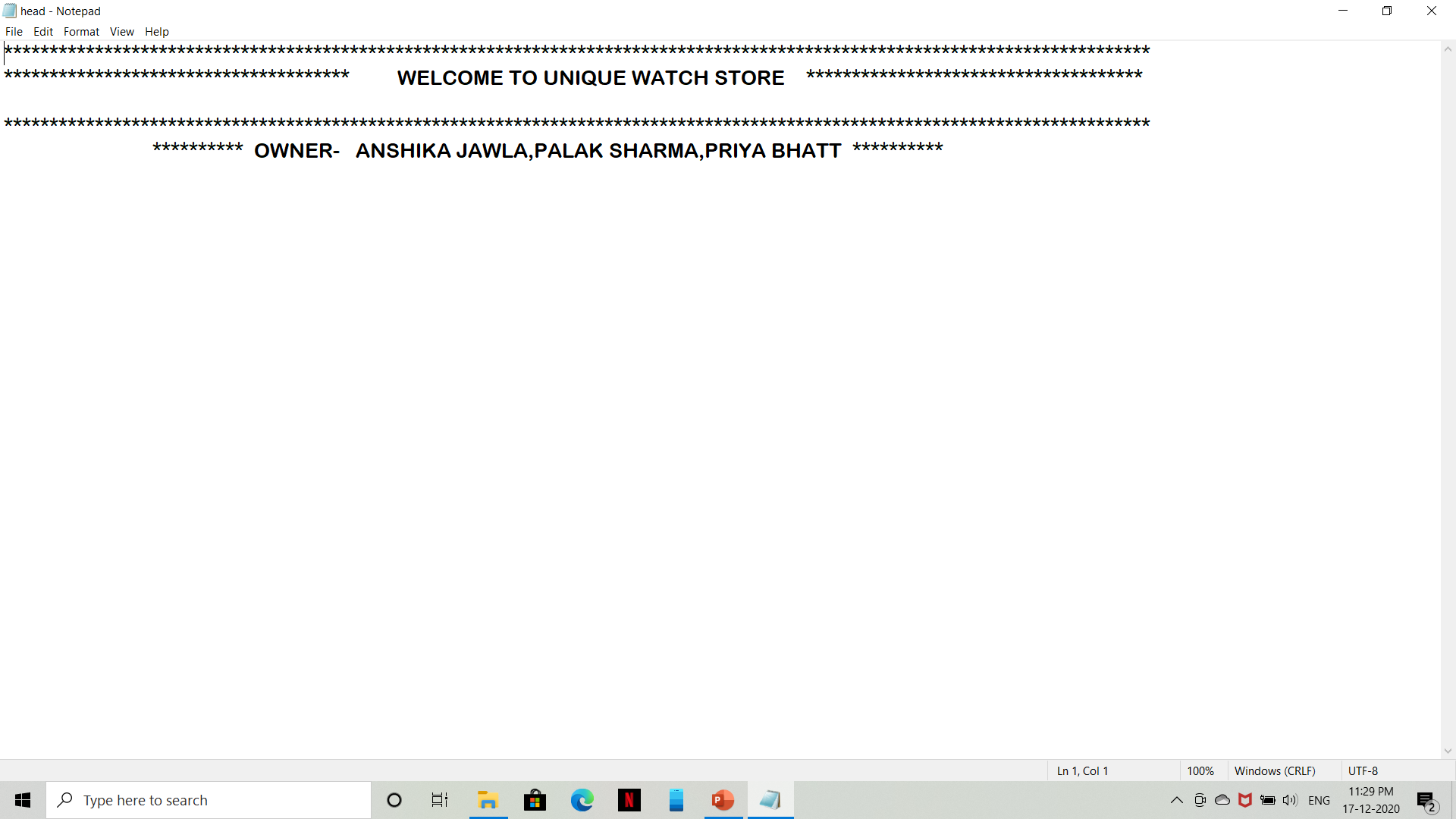
plt.title("DAILY SALES")

plt.xlabel("Date of sale")

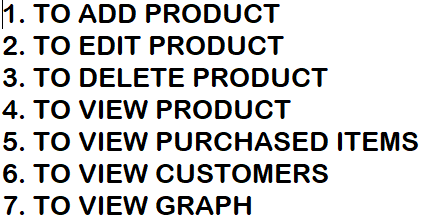
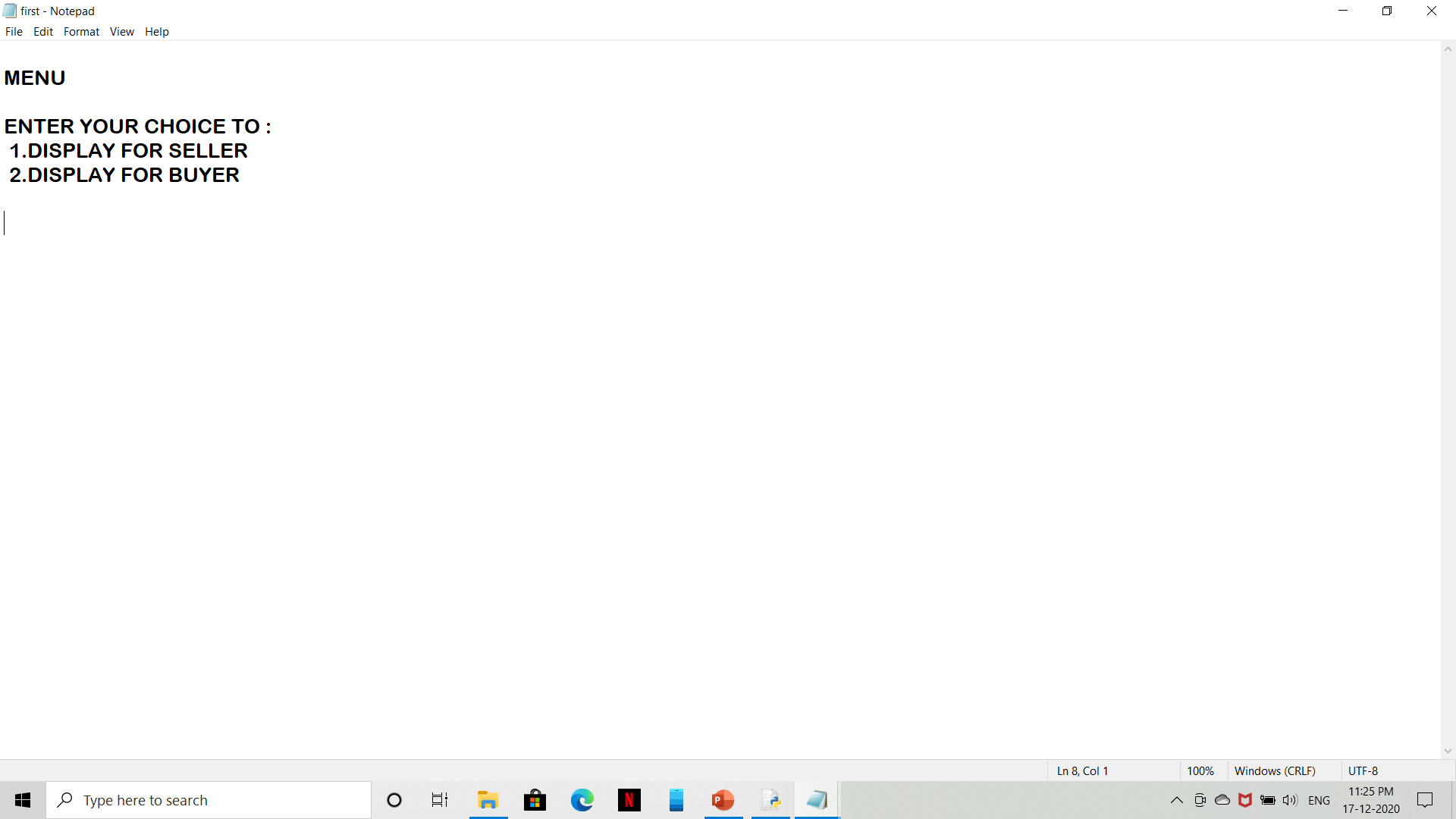
plt.ylabel("Sales")

plt.show()

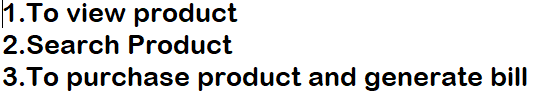
**.TXT FILE**

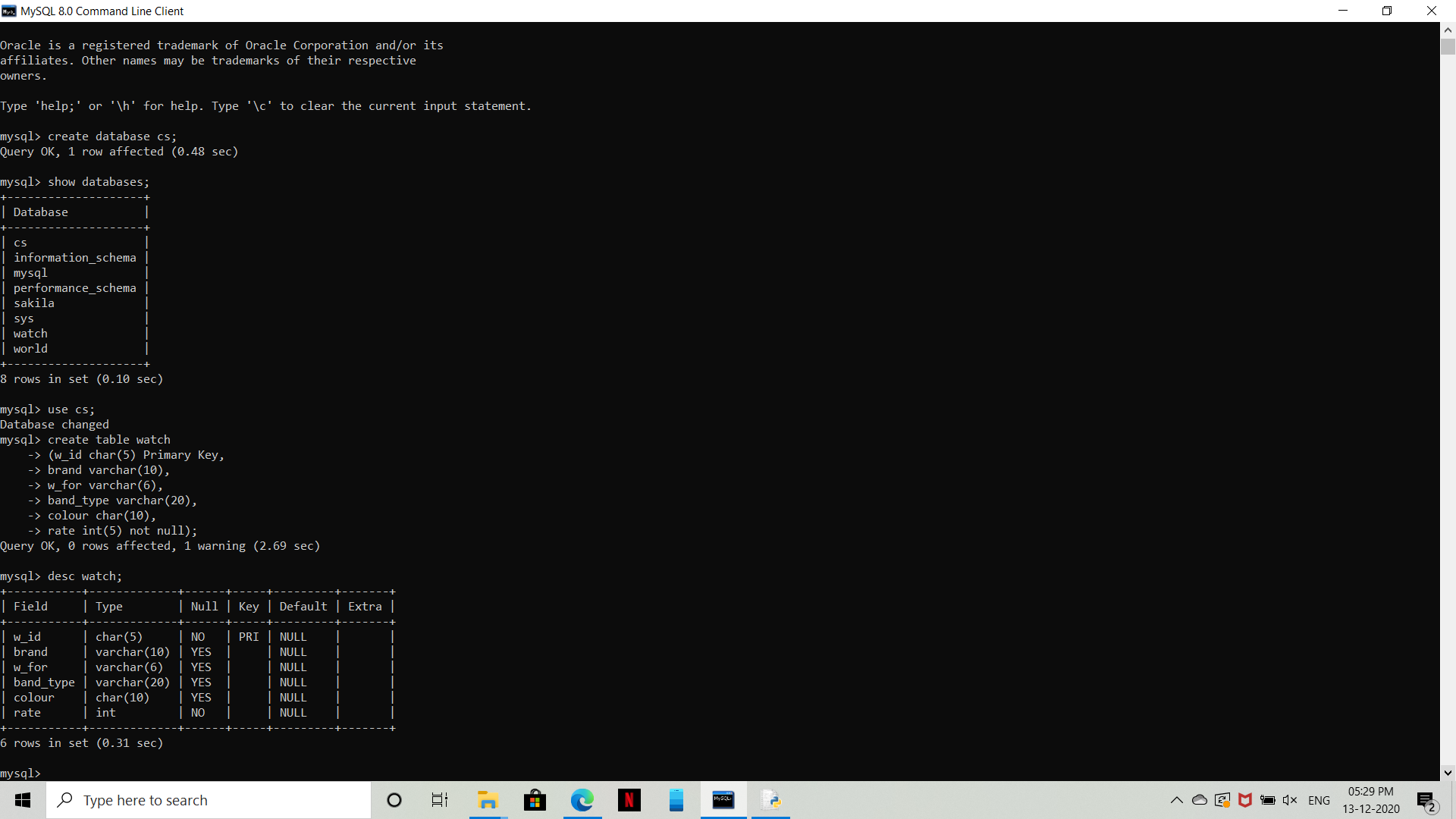
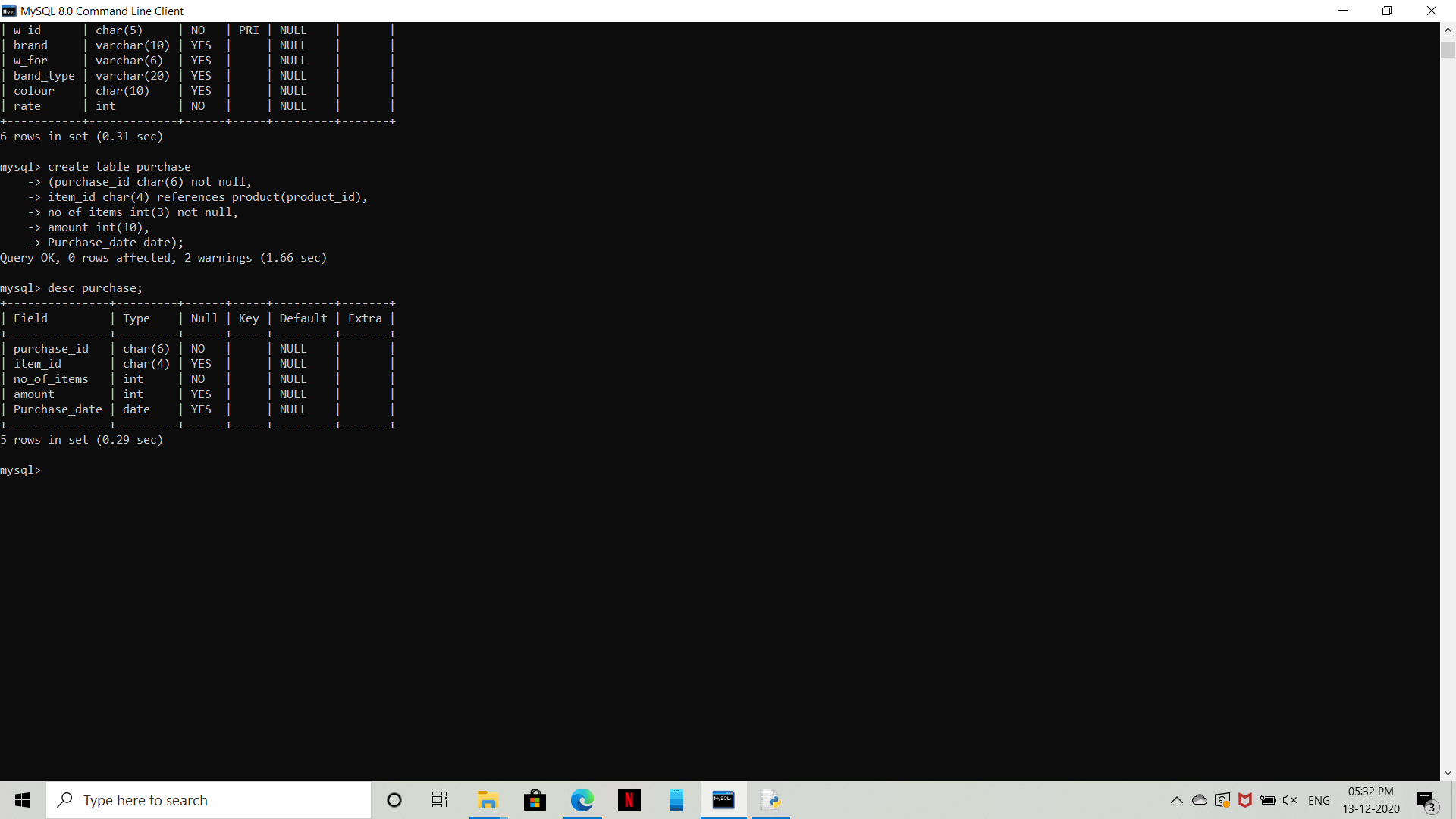
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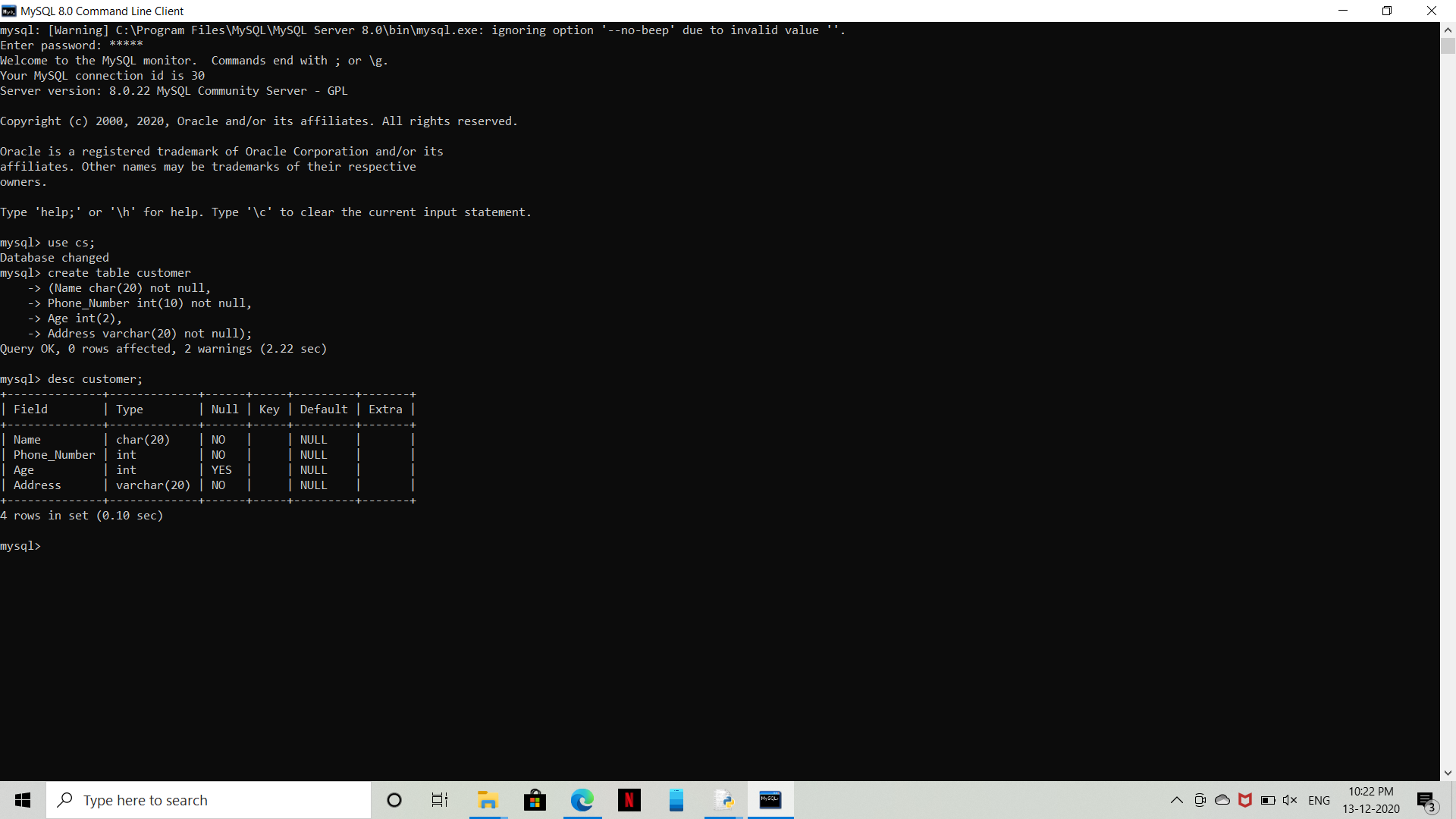
**FOR SELLER**



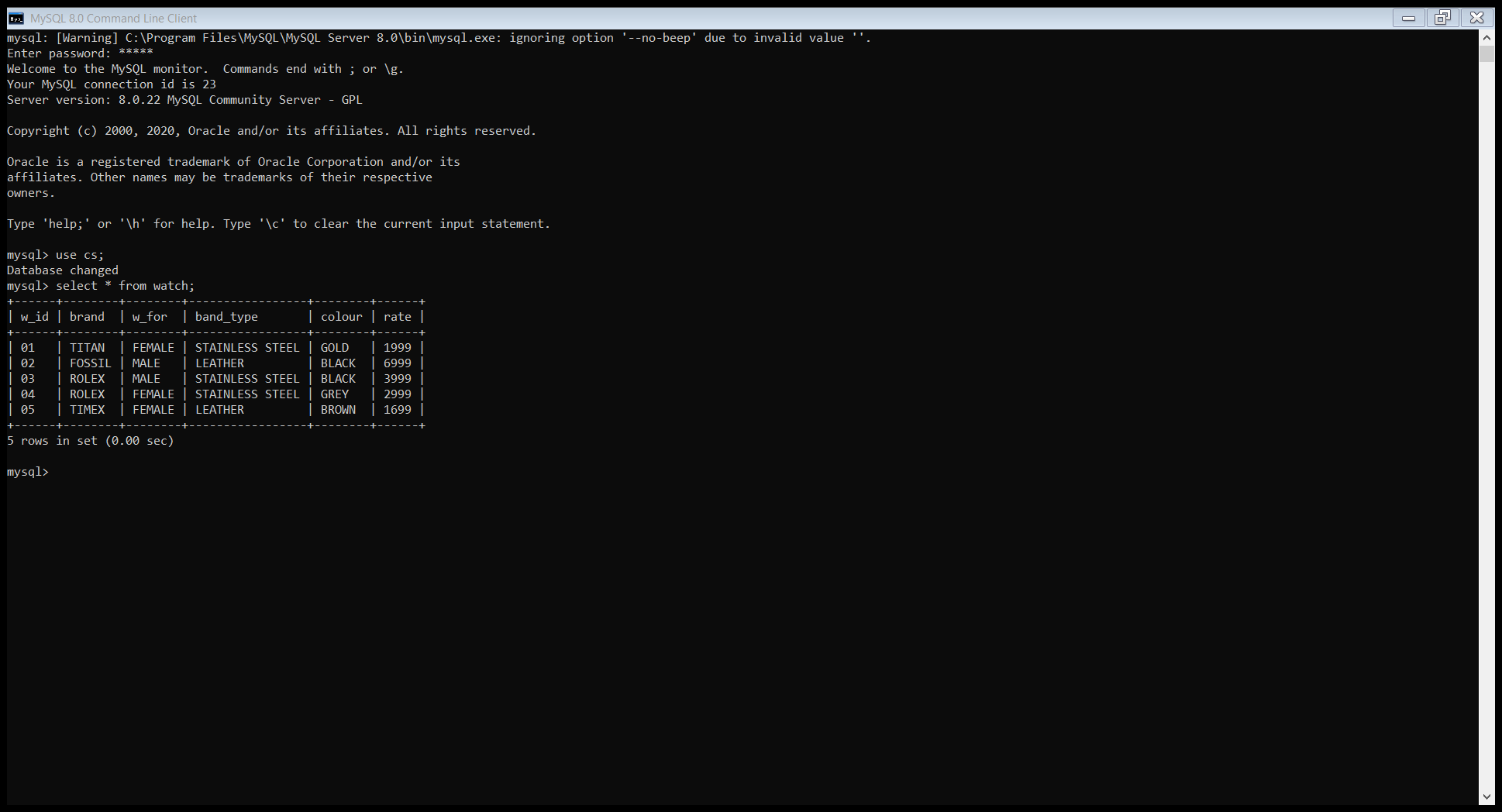
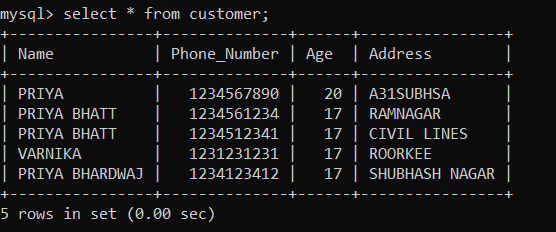
**FOR BUYER**

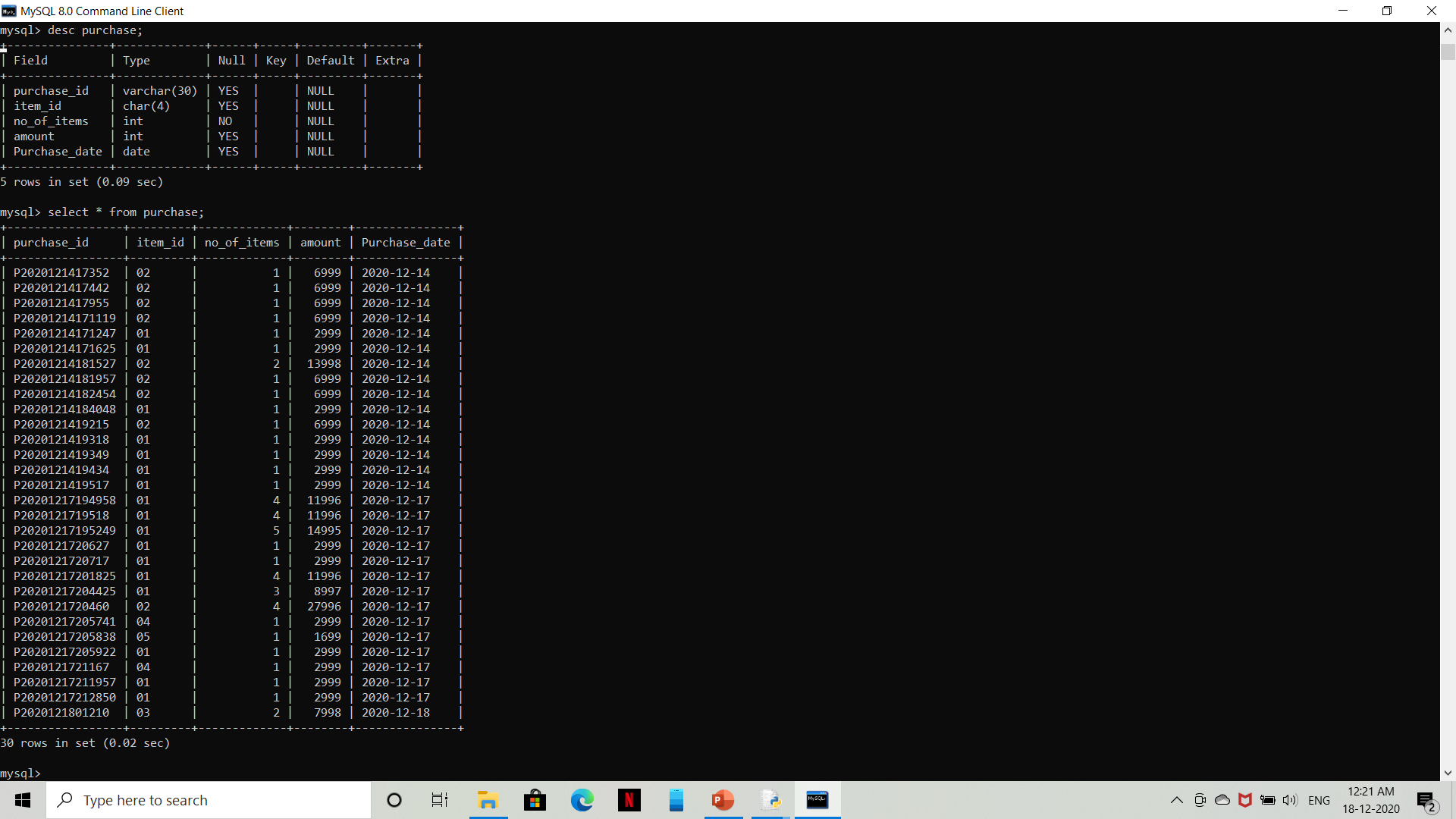


**DESC TABLE ** 

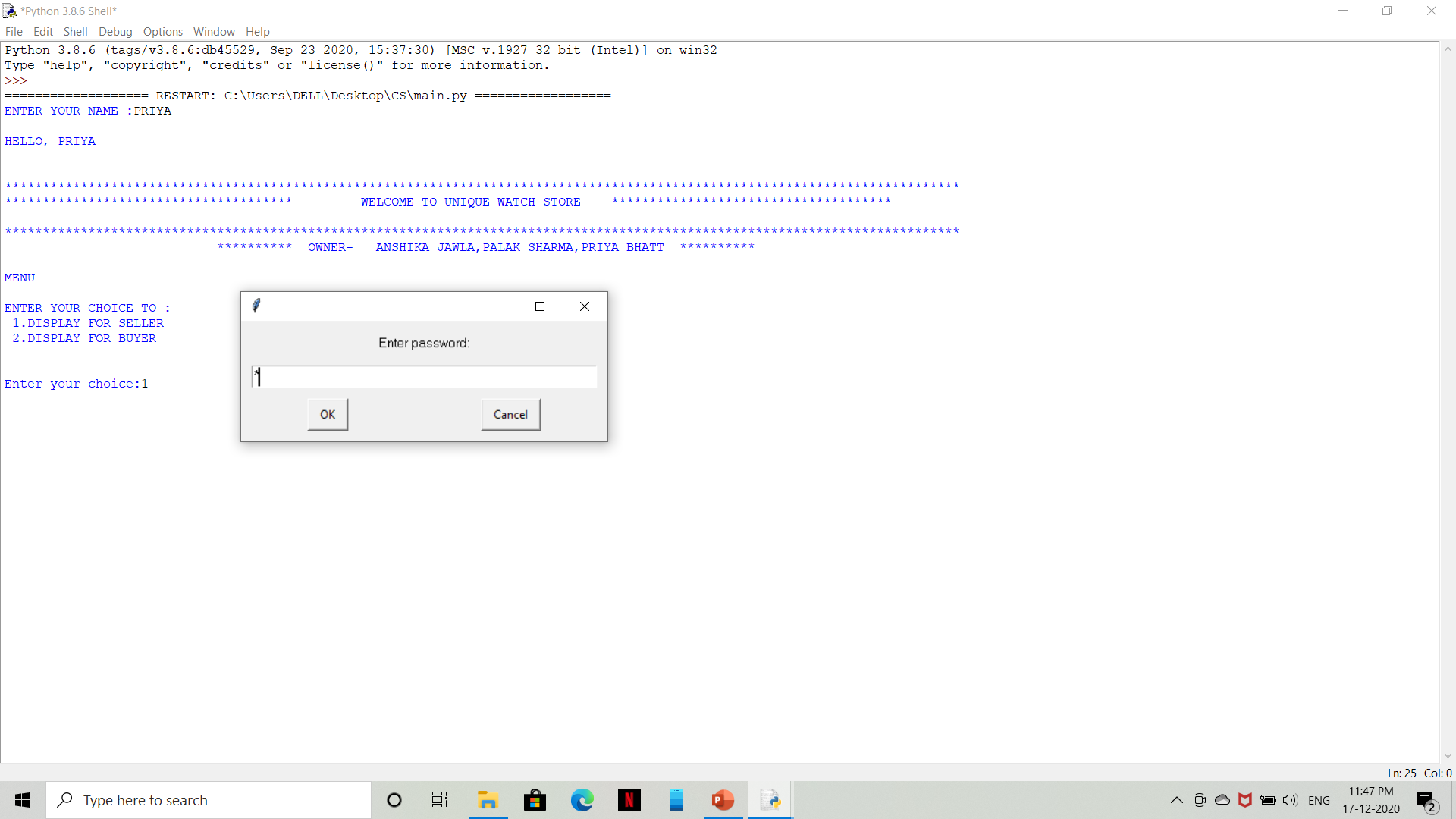


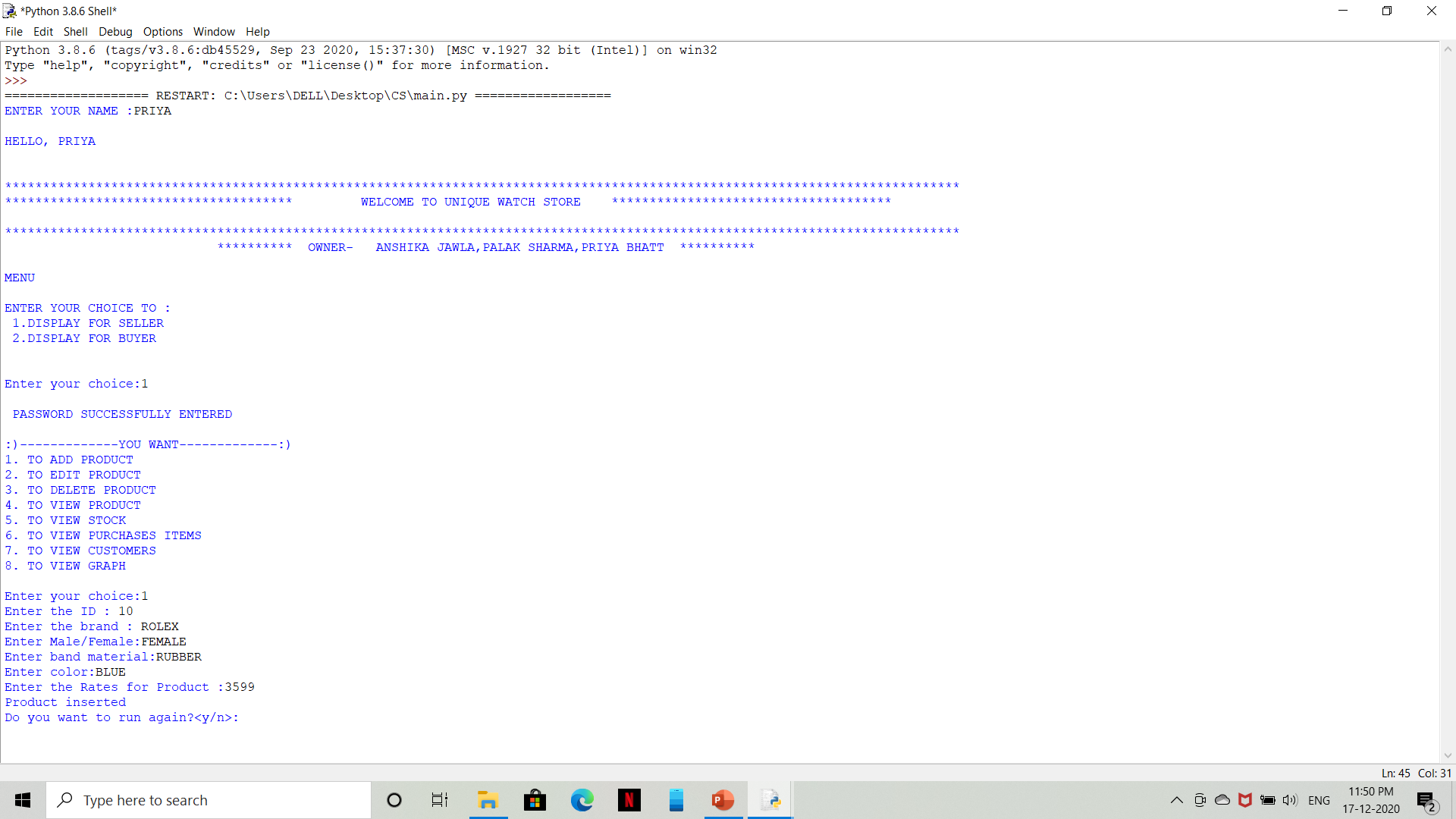
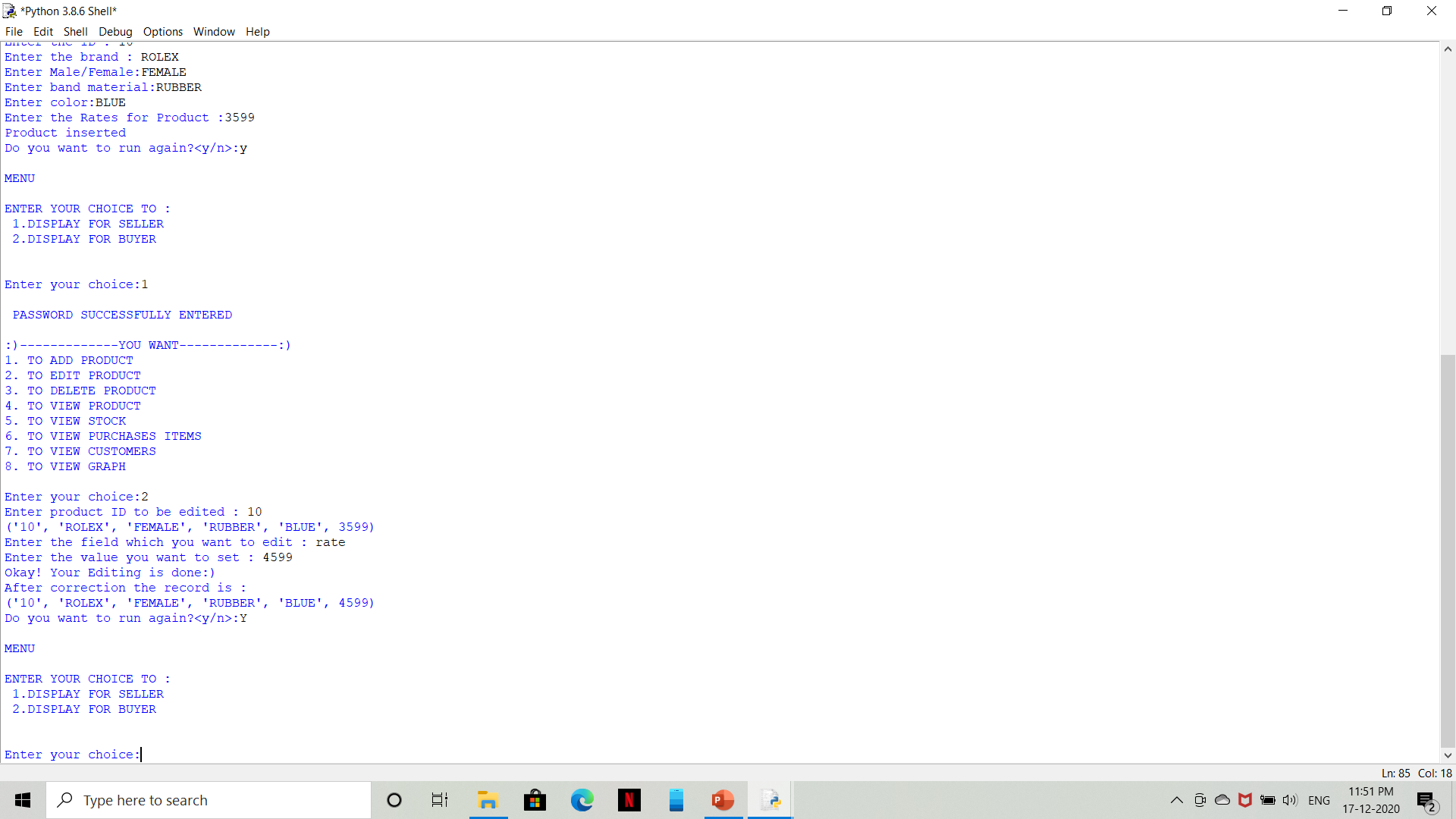
**SELECT \* FROM**

** **

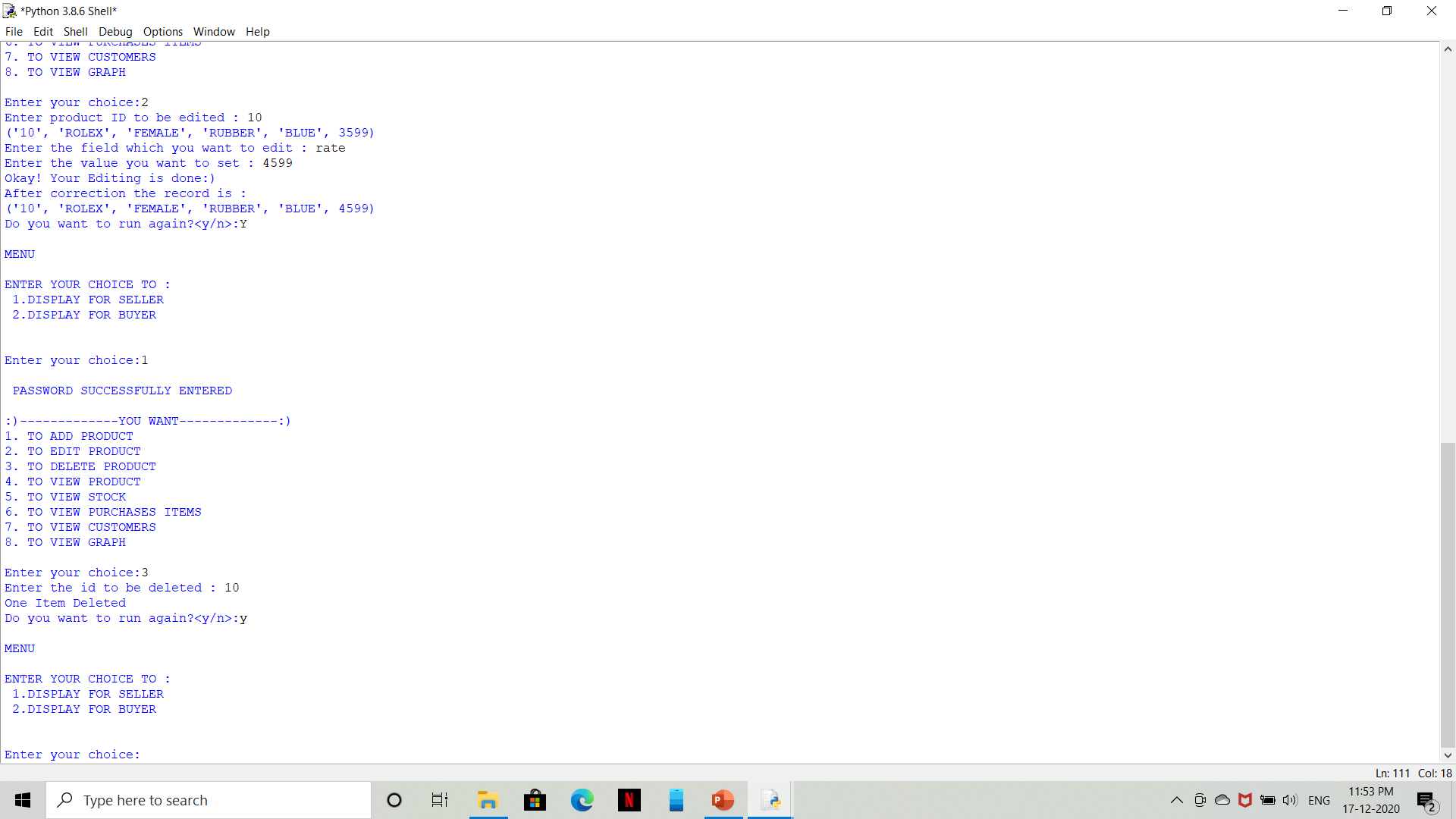
****

**OUTPUTS**

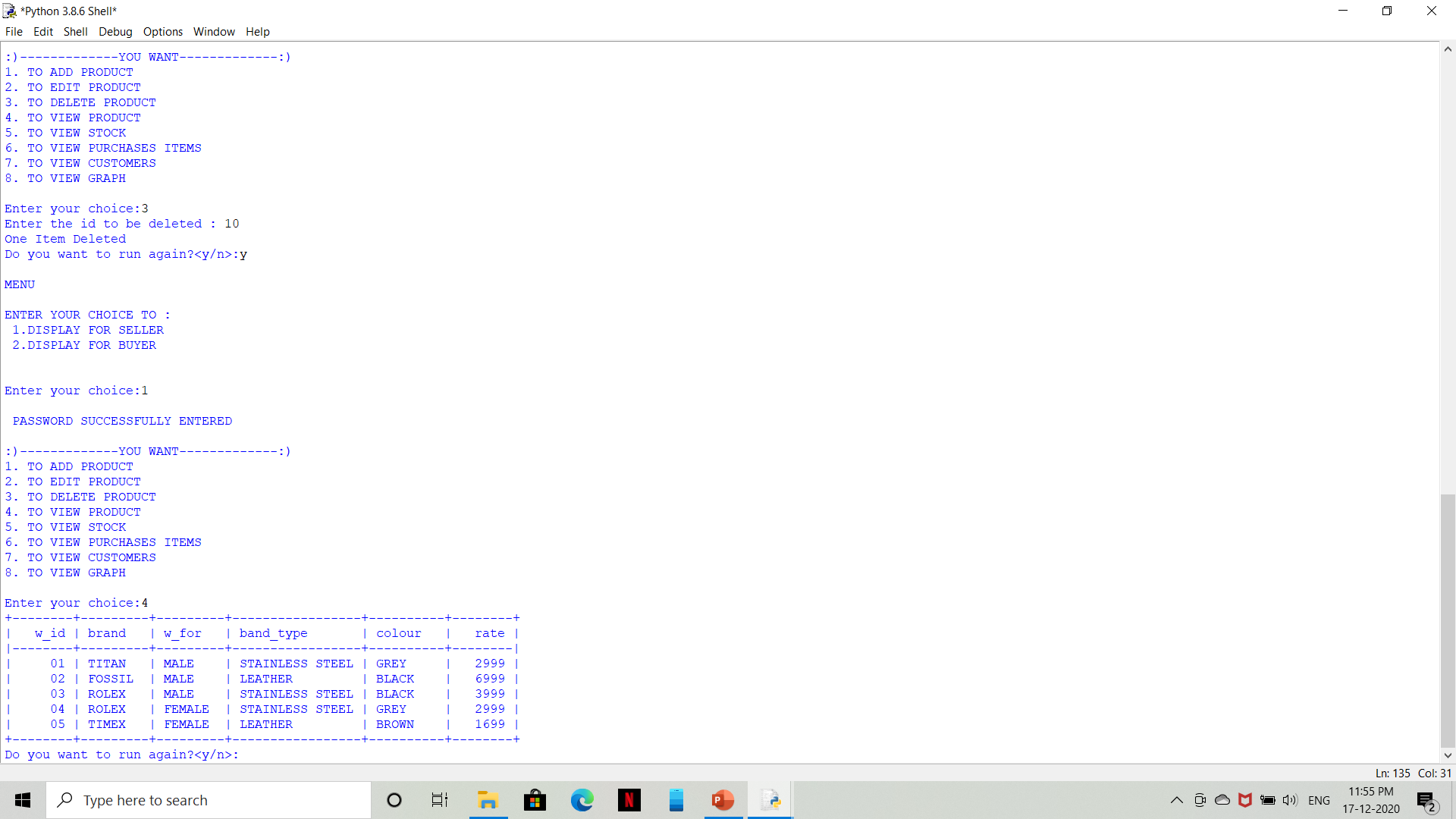
****

**ADD PRODUCT CH=1 EDIT PRODUCT CH=2**



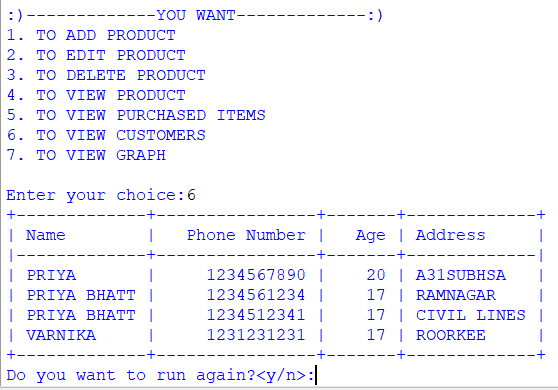
**DELETE PRODUCT CH=3**



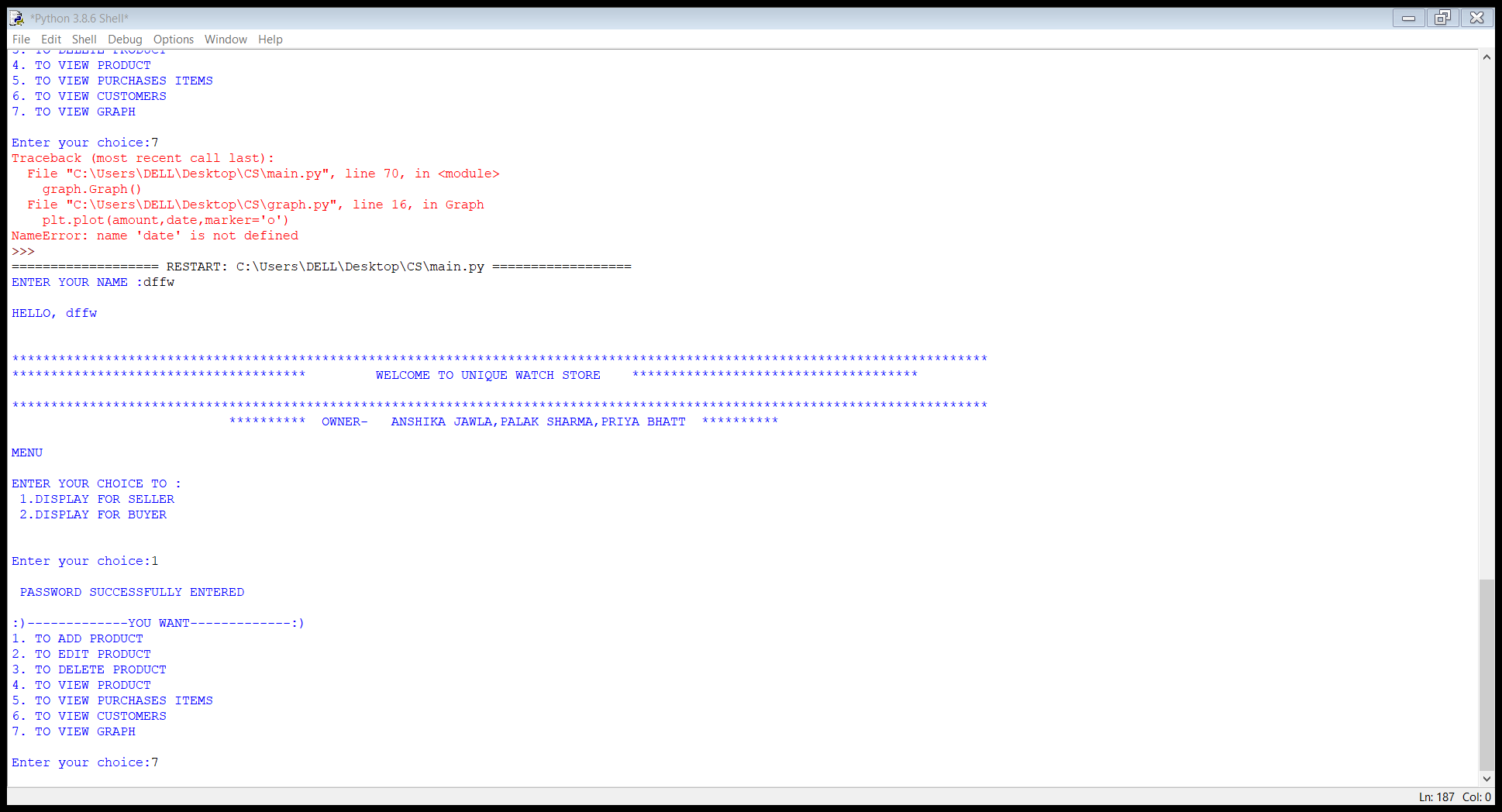
**VIEW PRODUCT CH=4**



**VIEW PURCHASE ITEMS CH=5**

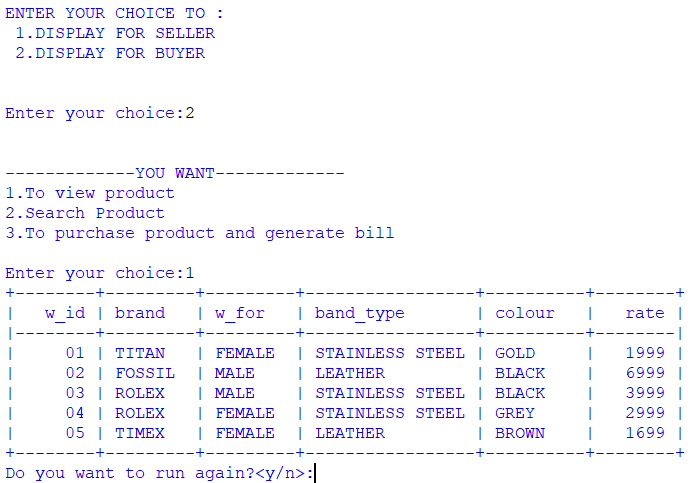


**VIEW CUSTOMER DETAILS CH=6**



**FOR GRAPH CH=7**

**FOR BUYER**

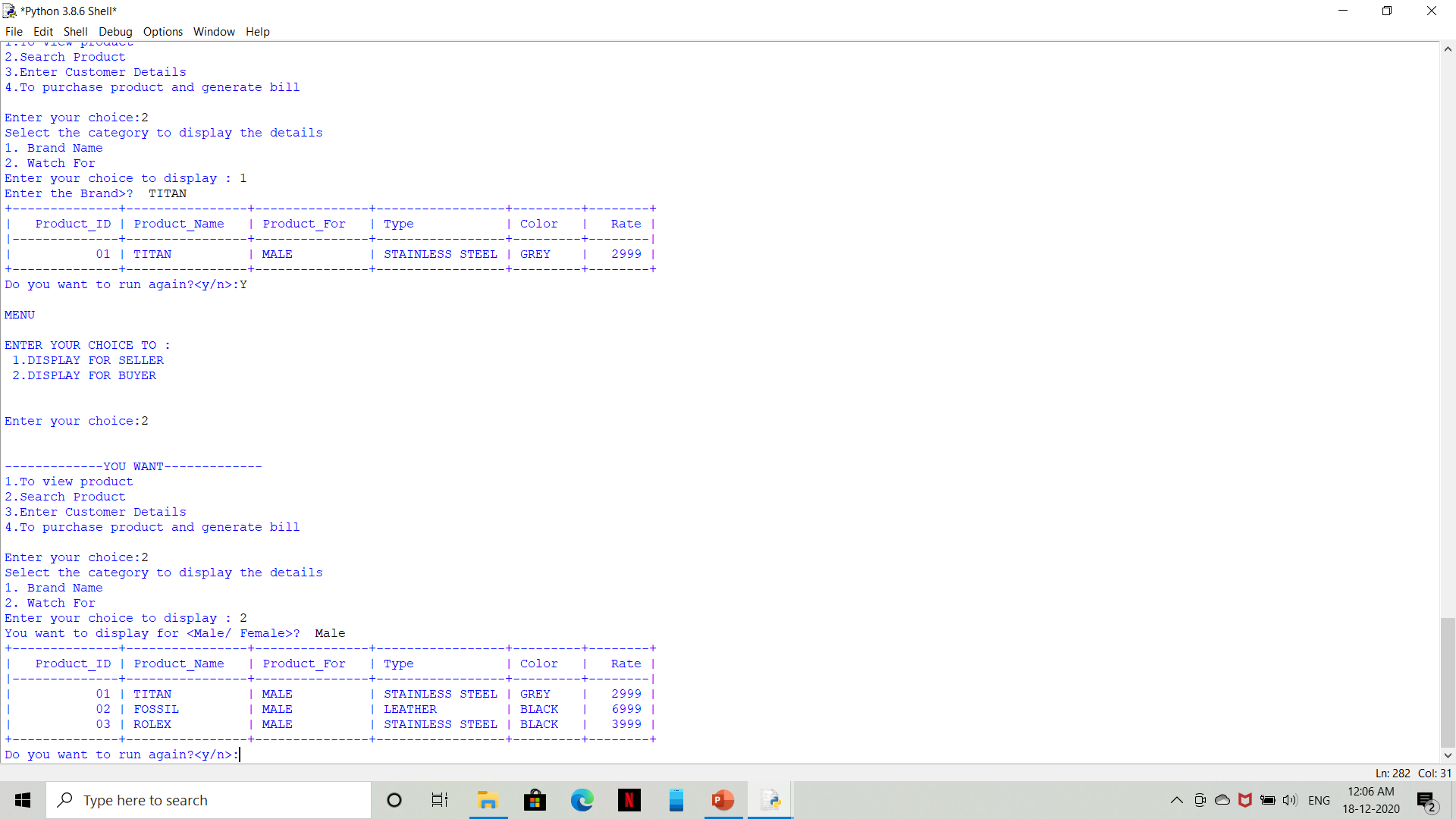


**VIEW PRODUCT CH=1**

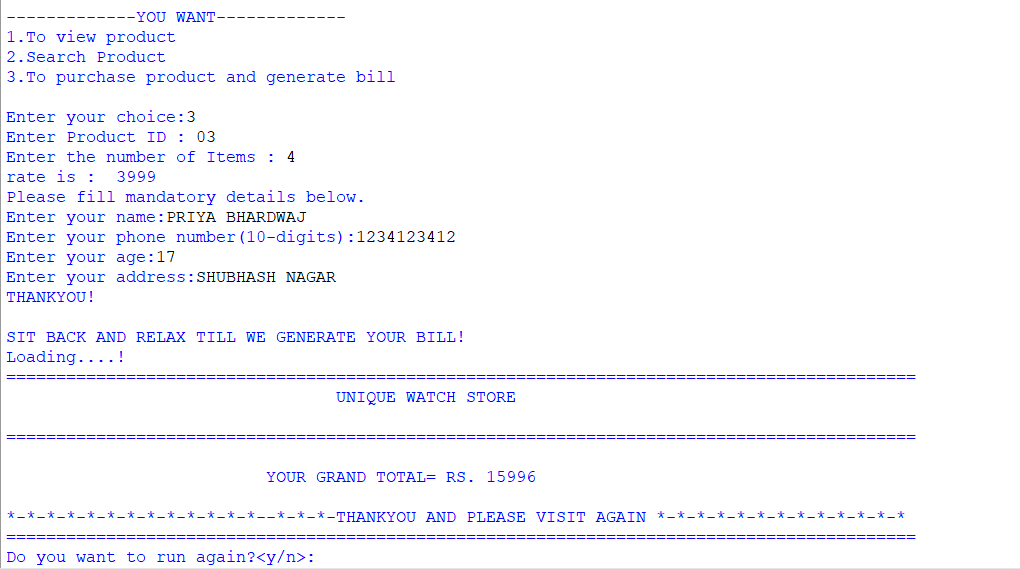
**SEARCH**

**PRODUCT**

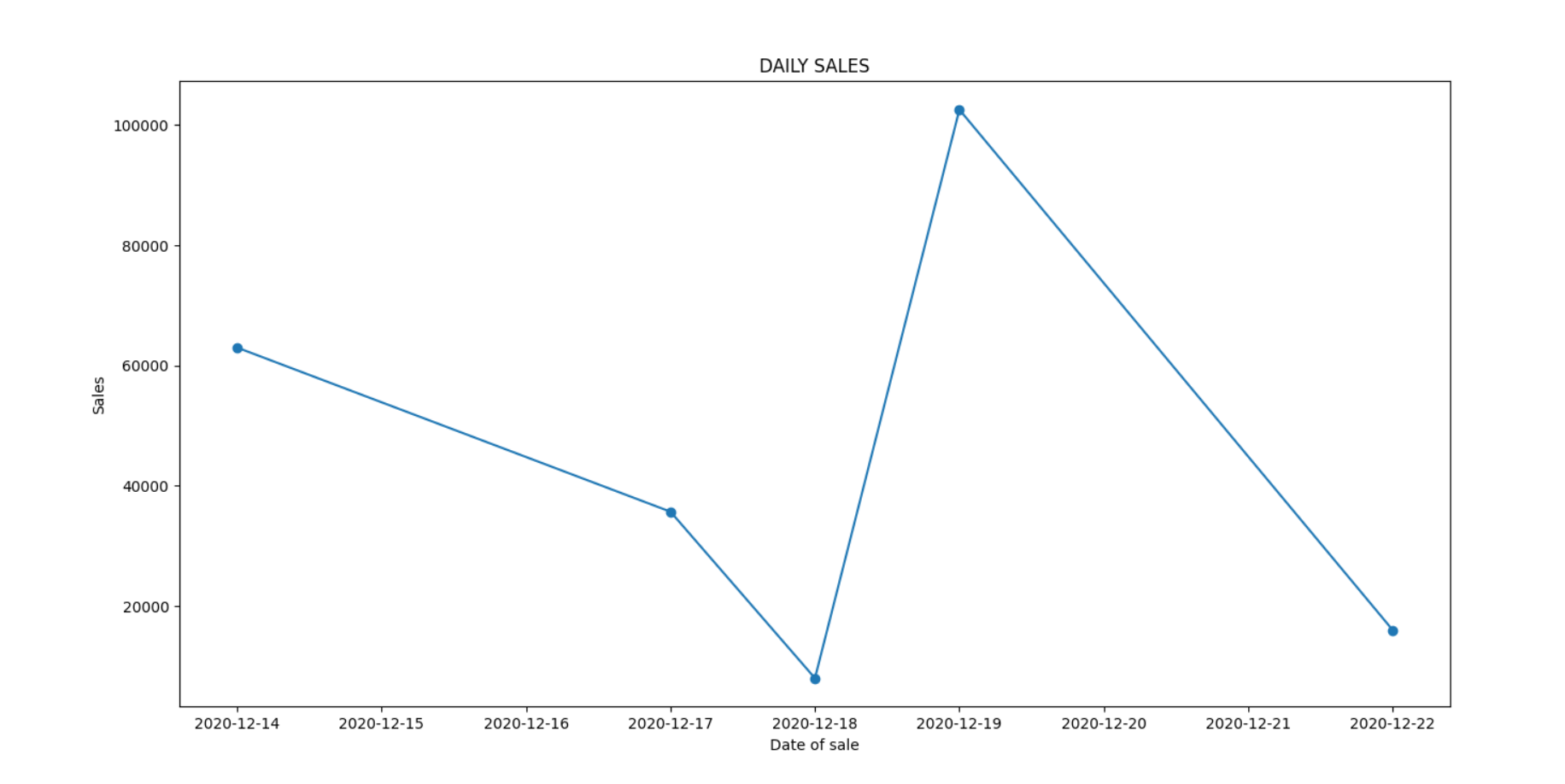
**TO SEARCH BRAND**



**TO SEARCH FOR WHOM WATCH IS NEEDED**



**PURCHASE ITEM**



**GRAPH**