CODE FOR ESTABLISHING SQL’S CONNITICITIVITY WITH PYTHON

import mysql.connector as sql

conection=sql.connect(

    host='localhost',

    user='root',

    passwd='1234',

    database='project\_shoemaker'

    )

if conection.isx`\_connected():

    print("SQL IS CONNECTED; YOU MAY PROCEED >>")

else:

    print("UNABLE TO ESTABILISH CONNECTION")

conection.autocommit=True

crsr=conection.cursor()

user\_login\_info={}

CODE FOR MANAGER’S LOGIN

def manager\_login():

    print("<================================MANAGER LOGIN================================>")

                    # (13-20) make all names lowercase

    managerlst=["Amit","Adi"]

    s=[]

    for a in managerlst:

        l=a.lower()

        s.append(l)

    for i in s:

        managerlst.append(i)

                    #(22-30) check name and password for manager

    empt\_num\_1=0

    while empt\_num\_1<1:

        name=input("ENTER NAME: ")

        pwd=input("ENTER PASSWORD: ")

        if name in managerlst and pwd=='1234':

            print("TYPE 'MODIFY' TO MODIFY VALUES; 'SHOW' TO SHOW CUSTOMER TABLE; 'FIND' TO FIND CUSTOMERS OR SHOE AVAILABLE ")

            empt\_num\_1=empt\_num\_1+1

        else:

            print("Name or Password does not match; Try again: ")

CODE FOR CUSTOMER’S SIGN UP

user\_login\_info={}

def user\_signup():

    print("<================================USER SIGNUP================================> ")

    newname=input("ENTER YOUR NAME: ")

    newpwd=input("ENTER A PASSWORD: ")

    user\_login\_info[newname]=newpwd

CODE FOR CUSTOMER’S LOGIN

def user\_login():

    print("<===========================USER LOGIN===========================>")

    name=input("ENTER YOUR NAME: ")

    pwd=input("ENTER YOUR PASSWORD: ")

    if user\_login\_info[name]==pwd:

        print("LOGGED IN SUCCESSFULLY")

        print("TYPE 'SHOW' TO SHOW PRODUCTS; 'FIND' TO FIND PRODUCTS AVAILABLE ")

CODE FOR MANAGER’S PROMPT

def input\_of\_manager():

    empt\_num\_1=2

    while empt\_num\_1>1:

        managerinput=input("[|>> ")

                            #(40-43) show the customer table

        if managerinput in ["SHOW","show","Show"]:

            show\_what=input("SHOW CUSTOMERS OR STOCK")

            if show\_what=="CUSTOMERS":

                print(crsr.execute("select \* from customers;"))

                for d in crsr:

                    print(d)

            elif show\_what=="STOCK":

                print(crsr.execute("select \* from productss;"))

                for d in crsr:

                    print(d)

                            #(46-51) add delete or edit values of the table

        elif managerinput in ["MODIFY","modify","Modify"]:

            modify\_what=input("WHAT DO YOU WANT TO MODIFY CUSTOMERS OR STOCK?: ")

            if modify\_what=="CUSTOMERS":

                print("Do you want to add or drop a record")

                modifyinput=input('[|>> ')

                                #add values code

                if modifyinput in ["ADD","add","Add"]:

                    print("INPUT DATA :")

                    fnameinput=input("ENTER THE FIRST NAME [|>> ")

                    snameinput=input("ENTER THE SECOND NAME [|>> ")

                    phoneinput=int(input("ENTER THE PHONE NO. [|>> "))

                    addressinput=input("ENTER THE ADDRESS [|>> ")

                    shoe\_id\_input=int(input("ENTER THE SHOE Id [|>> "))

                    crsr.execute("insert into customers values (' + fnameinput + ',' + snameinput + ',' + phoneinput + ',' + shoe\_id\_input + ',' + addressinput + ')")

                elif modifyinput in ["DROP","drop","Drop"]:

                    print("Input data :")

                    phoneinput=input("ENTER THE CORRESPONDING PHONE NO. [|>> ")

                    crsr.execute("delete from customers where phone\_no= " + Phoneinput + " ")

            elif modify\_what=="STOCK":

                print("Do you want to add or drop a record")

                modifyinput=input('[|>> ')

                                #add values code

                if modifyinput in ["ADD","add","Add"]:

                    print("INPUT DATA :")

                    idinput=input("ENTER ID [|>> ")

                    brandinput=input("ENTER THE BRAND [|>> ")

                    modelinput=int(input("ENTER THE MODEL [|>> "))

                    size1input=input("ENTER IF THE SIZE 1 IS AVAILABLE OR NOT [|>> ")

                    size2input=input("ENTER IF THE SIZE 2 IS AVAILABLE OR NOT [|>> ")

                    size3input=input("ENTER IF THE SIZE 3 IS AVAILABLE OR NOT [|>> ")

                    size4input=input("ENTER IF THE SIZE 4 IS AVAILABLE OR NOT [|>> ")

                    size5input=input("ENTER IF THE SIZE 5 IS AVAILABLE OR NOT [|>> ")

                    size6input=input("ENTER IF THE SIZE 6 IS AVAILABLE OR NOT [|>> ")

                    size7input=input("ENTER IF THE SIZE 7 IS AVAILABLE OR NOT [|>> ")

                    crsr.execute("insert into shoe\_stock values (' + idinput + ',' + brandinput + ',' + modelinput + ',' + size1input + ','  + size2nput + ','+ size3input + ','+ size4input + ','+ size5input + ','+ size6input + ','+ size7input + ')")

                elif modifyinput in ["DROP","drop","Drop"]:

                    print("Input data :")

                    idinput=input("ENTER THE CORRESPONDING ID [|>> ")

                    crsr.execute("delete from customers where ID= " + idinput + " ")

        elif managerinput in ["FIND","find","Find"]:

            What\_to\_find=input("Find customer or product?")

            if What\_to\_find in ['Customer','customer','CUSTOMER']:

                print("Choose among first name, last name, phone number, address, product number ")

                find\_customers\_using=input("Find Record using : ")

                if find\_customers\_using=="FIRST NAME":

                    customer\_fname=input("Enter the first name of the customer: ")

                    crsr.execute('select First\_Name,Second\_Name,Phone\_No,Shoe\_bought,Address from customers where first\_name ='+customer\_fname)

                elif find\_customers\_using=="lAST NAME":

                    customer\_lname=input("Enter the last name of the customer: ")

                    crsr.execute('select First\_Name,Second\_Name,Phone\_No,Shoe\_bought,Address from customers where first\_name ='+customer\_lname)

                elif find\_customers\_using=="PHONE NUMBER":

                    pno=input("Enter the phone number of the customer: ")

                    crsr.execute('select First\_Name,Second\_Name,Phone\_No,Shoe\_bought,Address from customers where first\_name ='+pno)

                elif find\_customers\_using=="ADDRESS":

                    adrs=input("Enter the address of the customer: ")

                    crsr.execute('select First\_Name,Second\_Name,Phone\_No,Shoe\_bought,Address from customers where first\_name ='+adrs)

                elif find\_customers\_using=="PRODUCT NUMBER":

                    customer\_name=input("Enter the product number of the customer: ")

                    crsr.execute('select First\_Name,Second\_Name,Phone\_No,Shoe\_bought,Address from customers where first\_name ='+customer\_name)

            elif What\_to\_find in ['Product','product','PRODUCT']:

                print("CHOOSE AMONG ID,BRAND,MODEL OR SIZE 1-7")

                find\_products\_using=input("FIND PRODUCT USING : ")

                if find\_products\_using=="ID":

                    productid=input("ENTER ID: ")

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id ='+productid)

                elif find\_products\_using=="BRAND":

                    brand=input("ENTER ID: ")

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id ='+brand)

                elif find\_products\_using=="MODEL":

                    brand=input("ENTER ID: ")

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id ='+brand)

                elif find\_products\_using=="SIZE":

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id= AVAILABLE')

        else:

            print ("INVALID INPUT; TRY AGAIN: ")

            empt\_num\_1=empt\_num\_1+1

CODE FOR CUSTOMER’S PROMPT

def input\_of\_user():

    empt\_num\_1=2

    while empt\_num\_1>1:

userinput=input("[|>> ")

                            #(40-43) show the customer table

        if userinput in ["SHOW","show","Show"]:

            print(crsr.execute("select \* from shoe\_stock;"))

            for d in crsr:

                print(d)

elif userinput in ["FIND","find","Find"]:

                print("CHOOSE AMONG ID,BRAND,MODEL OR SIZE 1-7")

                find\_products\_using=input("FIND PRODUCT USING : ")

                if find\_products\_using=="ID":

                    productid=input("ENTER ID: ")

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id ='+productid)

                elif find\_products\_using=="BRAND":

                    brand=input("ENTER ID: ")

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id ='+brand)

                elif find\_products\_using=="MODEL":

                    brand=input("ENTER ID: ")

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id ='+brand)

                elif find\_products\_using=="SIZE":

                    crsr.execute('select id,brand,model,Size\_1,Size\_2,Size\_3,Size\_4,Size\_5,Size\_6,Size\_7 from products where id= AVAILABLE')

else:

            print ("Invalid Input; Try again")

            empt\_num\_1=empt\_num\_1+1

CODE FOR CALLING EVERY FUNCTION

print("<==============================SHOE STORE==============================>")

ask\_who=input("ENTER CUSTOMER OR MANAGER: ")

if ask\_who=="CUSTOMER":

    user\_signup()

    user\_login()

    input\_of\_user()

elif ask\_who=="MANAGER":

    manager\_login()

    input\_of\_manager()

conection.close()

OUTPUT

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