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from datetime import date
import mysql.connector
print("""

welcome to sales and inventory management system

""")

mydb =
mysql.connector.connect(host='localhost',user='root',passwd='roshhh@5678')
mycursor = mydb.cursor()
mycursor.execute("create database if not exists sales_vdo")
mycursor.execute("use sales_vdo")
mycursor.execute("create table if not exists login(username varchar(25),password varchar(25) not null)")
mycursor.execute("create table if not exists purchase(odate date not null,name varchar(25),pcode int,amount int not null)")
mycursor.execute("create table if not exists stock(pcode int not null,pname varchar(25),quantity int,price int not null)")
mydb.commit()

z=0
mycursor.execute("select * from login")
for i in mycursor:
    z+=1
if(z==0):
    mycursor.execute("insert into login values('username','ng')")
    mydb.commit()

while True:
    print("""1.admin
2.user
3.exit
""")
    ch=int(input("enter your choice: "))
    if(ch==1):
        passs=input("enter password: ")
        mycursor.execute("select * from login")
        for i in mycursor:
            username,password=i
        if(passs==password):
            print("welcome")

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        loop2='y'
        if(loop2=='y' or loop2=='Y'):
            print("""
1.add new item
2.updating price
3.deleting item
4.display all item
5.to change the password
6.log out
""")
ch= int(input("enter your choice: "))
if(ch==1):
    loop='y'
    if(loop=='y' or loop=='Y'):
        pcode=int(input("enter the product code: "))
        pname=input("enter the product name: ")
        quantity=int(input("enter product quantity: "))
        price=int(input("enter product price: "))
        mycursor.execute("insert into stock
values('"+str(pcode)+"', '"+pname+"', '"+str(quantity)+"', '"+str(price)+"
'")

        mydb.commit()
        print("record successfully inserted!")
        loop=input("do you want to enter more items(y/n): ")
        loop2=input("do you want to continue editing stock(y/n): ")
    elif(ch==2):
        loop='y'
        if(loop2=='y' or loop2=='Y'):
            pcode=int(input("enter the product code: "))
            new_price=int(input("enter the new_price: "))
            mycursor.execute("update stock set
price='"+str(new_price)+"' where pcode='"+str(pcode)+"'")
            mydb.commit()
            loop=input("do you want to change price of any other
item(y/n): ")
            loop2 = input("do ou want to continue editing stock(y/n):
")

    elif(ch==3):
        loop='y'
        if(loop=='y' or loop=='Y'):
            pcode=int(input("enter the product code: "))
            mycursor.execute("delete from stock where
pcode='"+str(pcode)+"'")

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        mydb.commit()
        loop=input("do you want to delete any other item(y/n):
")
        loop2 = input("do ou want to continue editing stock(y/n):
")

    elif(ch==4):
        mycursor.execute("select * from stock")
        print("pcode ||| pname ||| quantity ||| price |||")
        for i in mycursor:
            t_code,t_name,t_quan,t_price=i
            print(f"{t_code} ||| {t_name} ||| {t_quan} |||
{t_price}")

    elif(ch==5):
        old_passs=input("enter old password: ")
        mycursor.execute("select * from login")
        for i in mycursor:
            username>Password=i
            if(old_passs==password):
                new_passs=input("enter new password: ")
                mycursor.execute("update login set
password='"+str(new_passs)+"'")
                mydb.commit()

    elif(ch==6):
        pass

    else:
        print("wrong password")

##### customer section
    elif(ch==2):
        print("""1.item bucket
2.payment
3.view available
4.go back
""")

        ch2 = int(input("enter your choice: "))
        if(ch2==1):
            name=input("enter product name: ")
            pcode=int(input("enter product code: "))
            quantity=int(input("enter product quantity: "))

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        mycursor.execute("select * from stock where
pcode='"+str(pcode)+"'")
        for i in mycursor:
            t_code,t_name,t_quan,t_price=i
            amount=t_price*quantity
            net_quan=t_quan-quantity
            print("purchased successfully!")
            #mycursor.execute("update stock set
quantity='"+str(net_quan)+"'where pcode='"+pcode+"'")
            mycursor.execute("update stock set
quantity='"+str(net_quan)+"'where pcode='"+str(pcode)+"'")
            #mycursor.execute("insert into purchase
values(now(),'"+name+"','"+str(pcode)+"','"+str(amount)+"'")
            mycursor.execute("insert into purchase
values('"+str(date.today())+"','"+name+"','"+str(pcode)+"','"+str(amoun
t)+"'")

        mydb.commit()

    elif(ch2==2):
        print(f"amount to be paid {amount}")
        print("thank you\nvisit again!!")

    elif(ch2==3):
        print("code ||| name ||| price")
        mycursor.execute("select * from stock")
        for i in mycursor:
            t_code,t_name,t_quan,t_price=i
            print("available items are below: ")
            print(f"{t_code} ||| {t_name} ||| {t_price}")
    elif(ch2==4):
        print("thank you!")
        break

elif(ch==3):
    print("thank you\nhave a nice day!!")
    break

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