**SHIVPRAKASH MEMORIAL**

**SCHOOL**

****

**A Project**

**On**

**COURIER SERVICE MANAGEMENT**

**Submited By Guided By**

**Sonu Shah Mrs.Salvi Singh**

**CERTIFICATE**

This is to certify that this “**Computer PROJECT**” on the topic

“**Courier Service Management System**” has been successfully completed by

**Sonu Shah**of **Class - XII-Science** under the guidance of Mrs.Salvi Singh

Sir in particular fulfilment of the curriculum of CBSE leading to the award of annual examination of the year **2023-2024.**

**Sign of Internal Sign of External Examiner Examiner**

**Acknowledgement**

I would like to express my sincere thank to our Computer guide Mrs.Salvi Singh

for his guidance and support in completing my project.

I would like to extend my gratitude to our Principal Sir for providing us with all the facilities that were required.

I would also like to thank my parents and friends who helped me with the necessary suggestion and ideas for completing this project.

Last but not the least, I would like to thanks those who helped directly or indirectly towards the completion the project.

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**Introduction**

**My Project on**

**‘Courier Service Management ’**

**Give the idea about the management in Courier service.**

**The package give the all the information regarding about how the Courier Service Management run.**

**Functions used in Program**

* **Connect() = For Database & Table Creation**
* **Mycursor() = To execute MySql queries**
* **Commit() = To execute (commit) current transaction**
* **Fetchall() = To fetch all the Row**
* **Fetchone() = To fetch the row according to query**

**Flowchart**

**Get user input (1, 2, or 3)**

**If user input is 1 if user input is 2 if user input is 3**

**Log in as admin Log in as customer Exit program**

**Get user choice Display customer portal menu**

**If user choice is 1 Get user choice**

**Add new product If user choice is 1**

**Else if user choice is 2 View shipments**

**Display all couriered products Else if user choice is 2**

**Else if user choice is 3 Track shipment**

**Search a courier Else if user choice is 3**

**Else if user choice is 4 Back to main menu**

**Delete a courier**

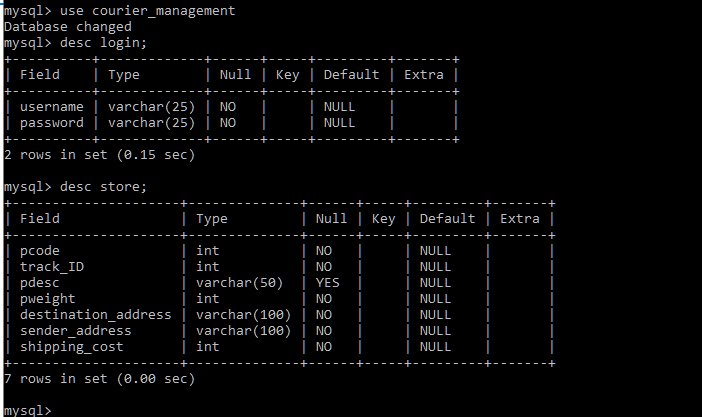
**Else if user choice is 5**

**Change password**

**Else if user choice is 6**

**Log out**

**Table Structure**

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**Coding**

**#Impoting MySql**

**import mysql.connector**

**#Creating Database for Courier Service Management**

**mydb = mysql.connector.connect(host="localhost", user="root", passwd='1912118128')**

**mycursor = mydb.cursor()**

**mycursor.execute("create database if not exists Courier\_Management")**

**mycursor.execute("use Courier\_Management")**

**mycursor.execute("create table if not exists login(username varchar(25) not null,password varchar(25) not null)")**

**mycursor.execute("create table if not exists store(pcode int not null, track\_ID int not null, pdesc varchar(50), pweight int not null,\**

**destination\_address varchar(100) not null, sender\_address varchar(100) not null, shipping\_cost int not null)")**

**mydb.commit()**

**#Creating Login system for user and customer**

**z = 0**

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

**for i in mycursor:**

**z += 1**

**if z == 0:**

**mycursor.execute("insert into login values('username','1912')")**

**mydb.commit()**

**while True:**

**print("""-------------------------------------------------------------------------------**

**\*\*\* Welcome to Courier Service Management \*\*\***

**-------------------------------------------------------------------------------**

**""")**

**print("""1.ADMIN**

**2.CUSTOMER**

**3.EXIT**

**""")**

**ch = int(input("Enter Your Choice: "))**

**#ceating login system for Admin**

**if ch == 1:**

**passs = input("Enter Password: ")**

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

**for i in mycursor:**

**username, password = i**

**if passs == password:**

**print("""--------------------------------------------------------------------------------**

**Welcome to E-cart Courier Service**

**--------------------------------------------------------------------------------**

**""")**

**#After login they go to main page where they add,delete,search, the couier**

**loop2 = 'y'**

**while loop2 == 'y' or loop2 == 'Y':**

**print("""**

**Press 1 - Add New Product**

**Press 2 - Display All Couriered Products**

**Press 3 - Search a Courier**

**Press 4 - Delete a Courier**

**Press 5 - To change the Password**

**Press 6 - Log Out**

**""")**

**ch = int(input("Enter Your Choice: "))**

**if ch == 1:**

**loop = 'y'**

**while loop == 'y' or loop == 'Y':**

**pcode = int(input("Enter Product code: "))**

**track\_ID = int(input("Enter Tracking ID: "))**

**pdesc = input("Enter Product Description: ")**

**pweight = int(input("Enter Product Weight: "))**

**destination\_address = input("Enter Destination Address: ")**

**sender\_address = input("Enter Sender Address: ")**

**shipping\_cost = int(input("Enter Cost of Shipping: "))**

**mycursor.execute("insert into store values(%s, %s, %s, %s, %s, %s, %s)",**

**(pcode, track\_ID, pdesc, pweight, destination\_address, sender\_address, shipping\_cost))**

**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 store(y/n): ")**

**elif ch == 2:**

**mycursor.execute("Select \* from store")**

**rows = mycursor.fetchall()**

**for row in rows:**

**print(row)**

**elif ch == 3:**

**loop = 'y'**

**while loop == 'y' or loop == 'Y':**

**unique\_ID = int(input("Enter Tracking\_ID: "))**

**mycursor.execute("Select \* from store where track\_ID = %s", (unique\_ID,))**

**result = mycursor.fetchone()**

**if result is not None:**

**print("Data found", result)**

**else:**

**print("Tracking ID Not Found...")**

**loop = input("Do you want to find other data(y/n): ")**

**loop2 = input("Do you want to continue editing store(y/n): ")**

**elif ch == 4:**

**loop = 'y'**

**while loop == 'y' or loop == 'Y':**

**pcode = int(input("Enter product code: "))**

**mycursor.execute("delete from store where pcode = %s", (pcode,))**

**mydb.commit()**

**loop = input("Do you want to delete any other data(y/n): ")**

**loop2 = input("Do you want to continue editing store(y/n): ")**

**elif ch == 5:**

**old\_Pass = input("Enter Old Password: ")**

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

**for i in mycursor:**

**username, password = i**

**if old\_Pass == password:**

**new\_Pass = input("Enter New Password: ")**

**mycursor.execute("update login set password = %s", (new\_Pass,))**

**mydb.commit()**

**print("Your Password has been changed.")**

**elif ch == 6:**

**break**

**# creating program for customer where they view,track ther shipments**

**elif ch == 2:**

**print("""**

**Welcome to Customer Portal**

**""")**

**while True:**

**print("""**

**Press 1 - View Shipments**

**Press 2 - Track Shipment**

**Press 3 - Back to Main Menu**

**""")**

**customer\_choice = int(input("Enter Your Choice: "))**

**if customer\_choice == 1:**

**print("Your Shipments:")**

**Tracking\_ID = input("Enter Your Tracking ID: ")**

**mycursor.execute("SELECT \* FROM store WHERE track\_ID = %s", (Tracking\_ID,))**

**shipments = mycursor.fetchall()**

**if shipments:**

**for shipment in shipments:**

**print("Description:", shipment[2])**

**print("Destination:", shipment[4])**

**print("Sender:", shipment[5])**

**print("Shipping Cost:", shipment[6])**

**print("------------")**

**else:**

**print("No shipments found for", Tracking\_ID)**

**elif customer\_choice == 2:**

**tracking\_id = int(input("Enter Tracking ID: "))**

**mycursor.execute("SELECT \* FROM store WHERE track\_ID = %s", (tracking\_id,))**

**shipment = mycursor.fetchone()**

**if shipment:**

**print("Shipment Details:")**

**print("Tracking ID:", shipment[1])**

**print("Description:", shipment[2])**

**print("Destination:", shipment[4])**

**print("Sender:", shipment[5])**

**print("Shipping Cost:", shipment[6])**

**else:**

**print("Shipment not found.")**

**elif customer\_choice == 3:**

**break**

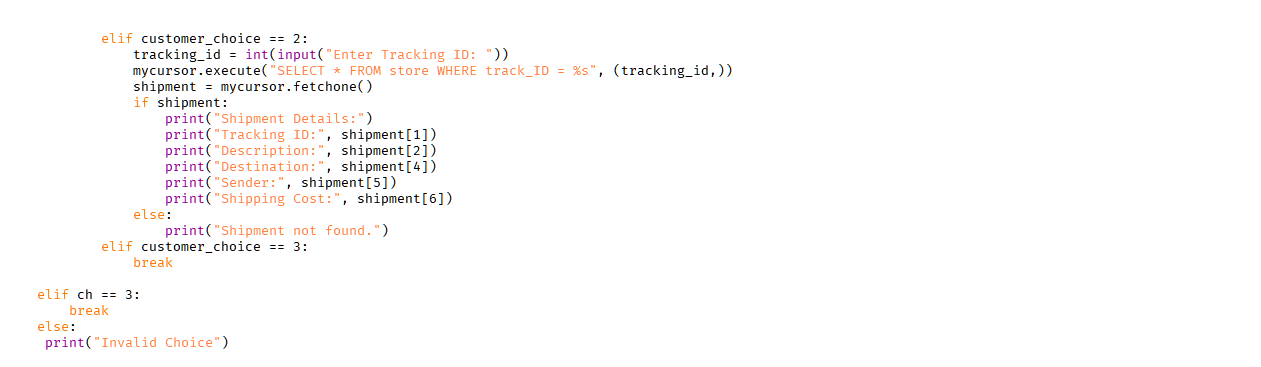
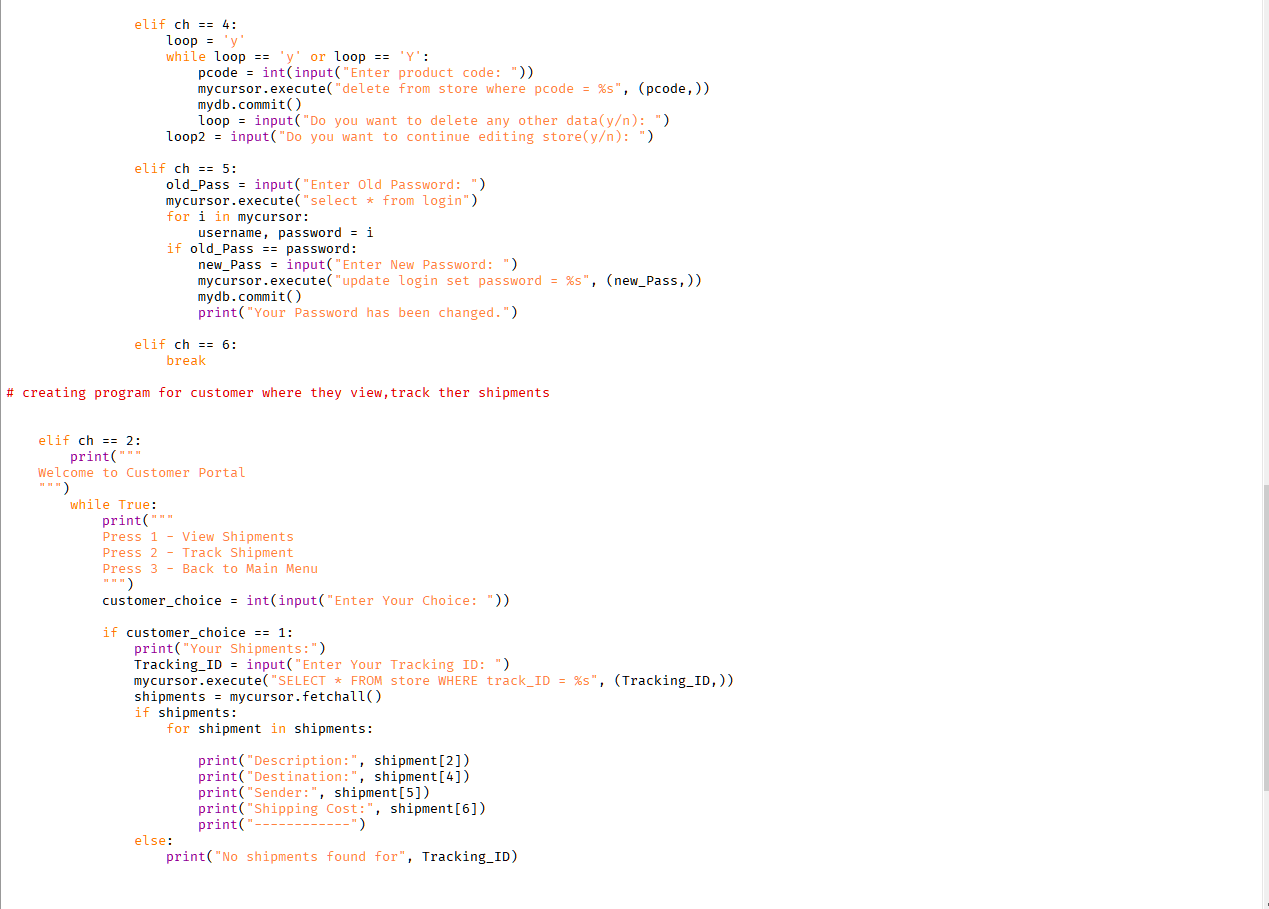
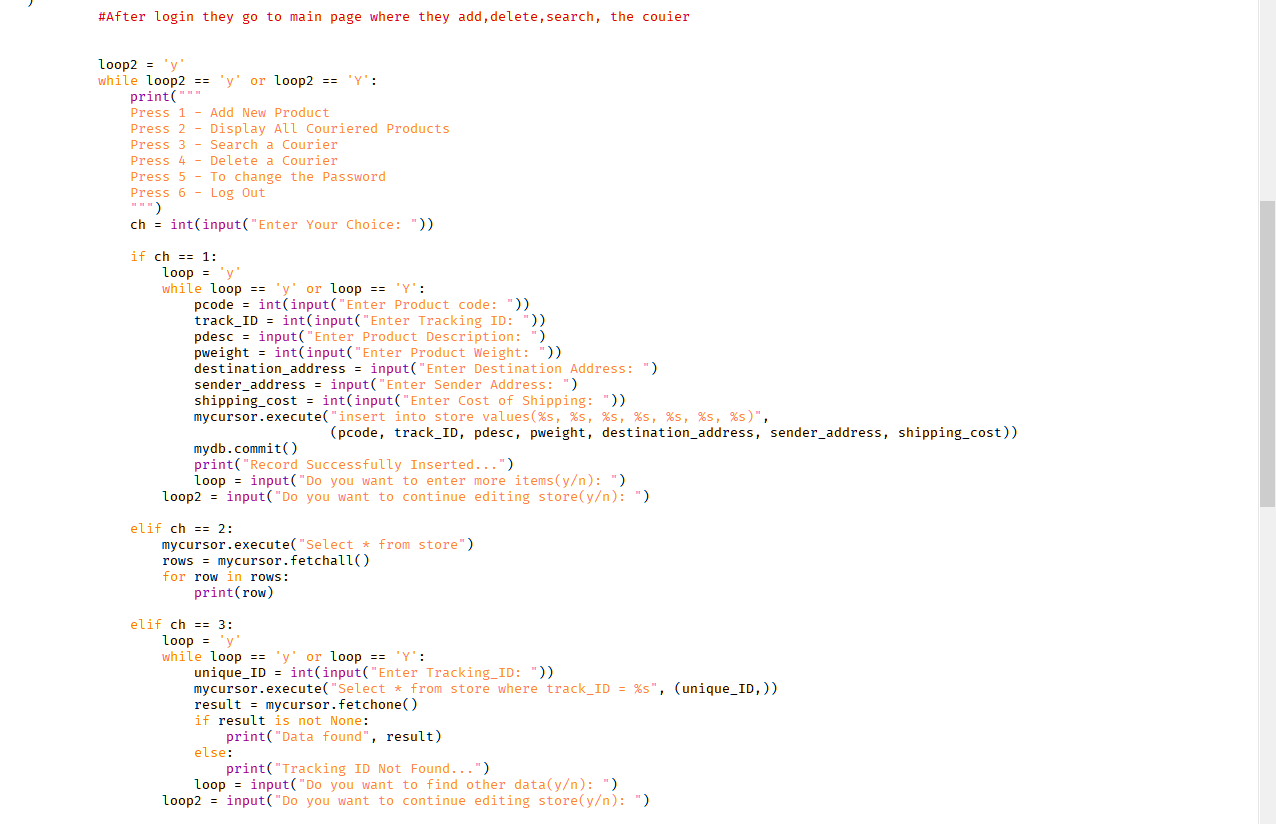
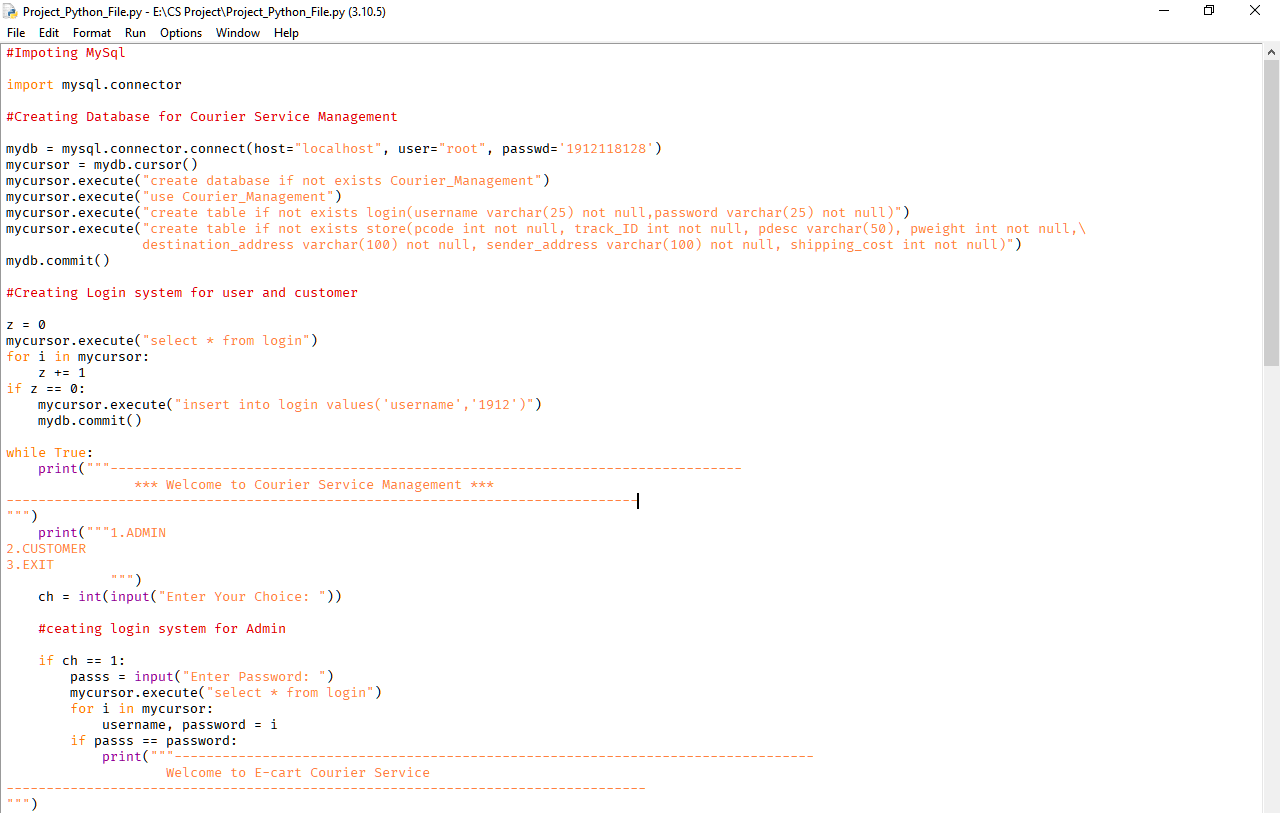
**elif ch == 3:**

**break**

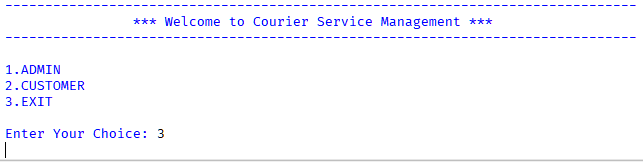
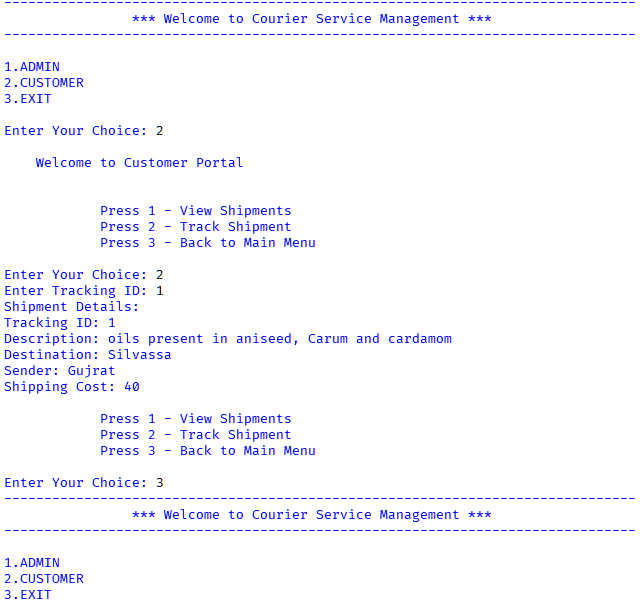
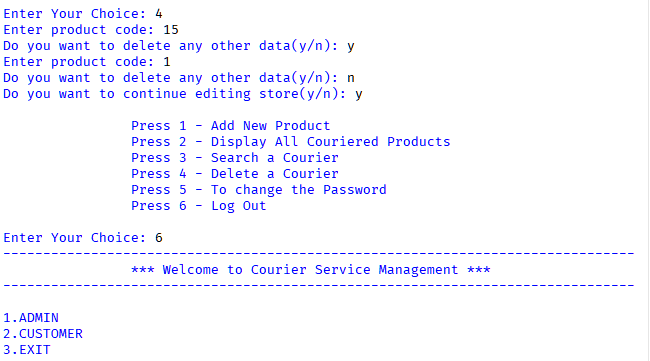
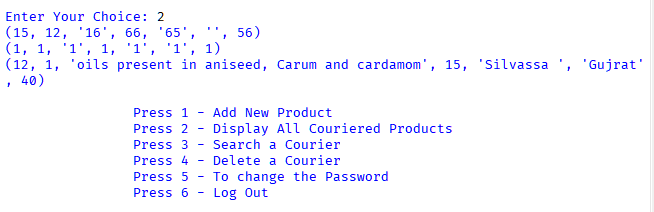
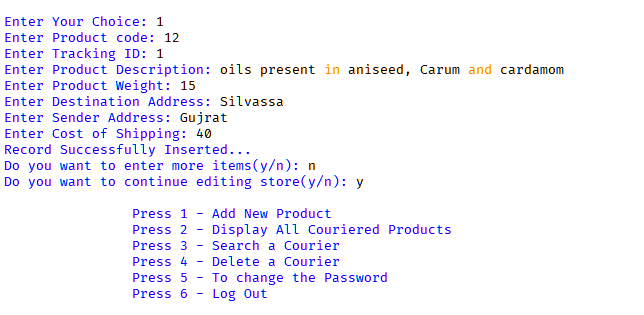
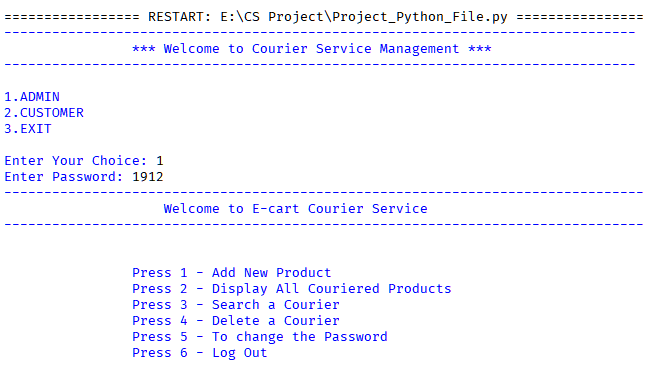
**else:**

**print("Invalid Choice")**

**Image of Coding**

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**Output**

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