THE INDIAN SCHOOL, BAHRAIN

COMPUTER SCIENCE PROJECT

CAR RENTAL

Class: XII-J

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CERTIFICATE

This is to certify that Karanjot Singh, Dev Suthar, Amith Santhosh, Rudhra Suresh of Class XII-J have completed the project ‘Car Rental’ for the academic year 2020-2021 as per the CBSE requirement.

Teacher’s Signature	Examiner’s Signature

ACKNOWLEDGEMENT

We would like to thank our Computer Science teacher, Mrs. Jyothi for imparting us with the necessary knowledge, skill and encouragement to successfully complete this project.

We would like to thank our parents and teammates for their constant support and in helping us successfully completing this project.

We would also like to thank the school authorities for providing us with the best facilities and infrastructure to carry out this project.

INTRODUCTION

Car Rental System is an application made using Python, an interpreted, high-level and general-purpose programming language. It is a very user-friendly program.

It easily lets a customer choose a car which fits their budget while going through the available cars. It also provides various options for the customer to choose the cars making it easier for them to select the car.

In addition, it allows staff to manage and keep record of customer details and car details etc.

About Python

Python is an interpreted, high-level and general-purpose programming language. Python is dynamically-typed and garbage-collected. It supports multiple paradigms, including structured, object-oriented and functional programming.

Python can serve as a scripting language for web applications, e.g., via mod_wsgi for the Apache web server. It is commonly used in Artificial Intelligence projects and Machine Learning projects with the help of libraries like TensorFlow, Keras etc.

Large organizations that use Python include Wikipedia, Google, Yahoo, CERN, NASA, Facebook, Amazon etc.

SYSTEM ANALYSIS

When the program is installed for the first time, the user is asked to select his/her role, ie, customer or staff or exit the Car Rental System.

If the user selects staff, the program will ask to enter a password to access the customer details.

Main Menu

Helps to access and handle various data

- **Customer**

  This option allows the customers to select car or update their information

  - Search: This option helps the customer to search for a car.
  - Update: This option helps the customer to update their information

- Exit: This option helps the user to go back to the main menu.

➢ Staff

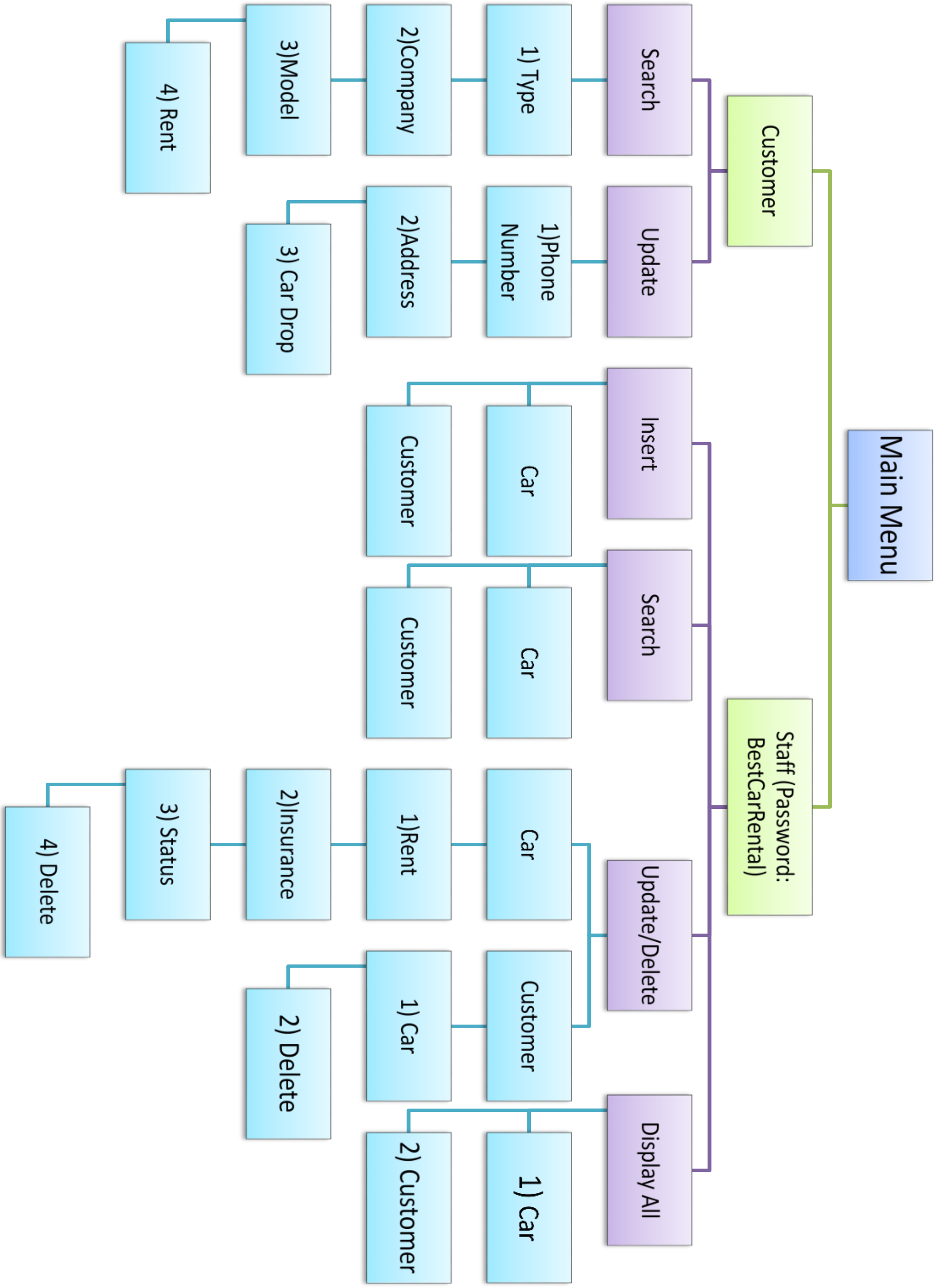
This option allows the staff to manage car and customer information

- Insert: This option allows the user to insert car or customer details.
- Search: This option allows the user to search for a particular car or customer.
- Update/Delete: This option allows the user to update or delete a car or customer record.
- Display All: This option allows the user to display all the car and customer details.
- Exit: This option allows the user to return back to the main menu.

➢ Exit

This option is to exit from the Car Rental System

SYSTEM DESIGN



PROGRAM CODE

```
#################################### AMITH'S PART #################################
#CAR RENTAL
#CREATE/INSERT BY AMITH
import mysql.connector
con=mysql.connector.connect(host="localhost",user="root",password="",database="car_rental")
if con.is_connected():
    print('Connection Successful..')
cur=con.cursor()

def create_table():#TO CREATE TABLE(CARS,CUSTOMER)
    query="create table if not exists cars(car_ptno varchar(30) primary key,\
type varchar(30),company varchar(20),model varchar(20),\
rent decimal(10,2),insurance decimal(10,2),status varchar(15))"
    cur.execute(query)
    query="create table if not exists customer(passport_no varchar(30) primary key,\
license_no varchar(30),name varchar(30),phone_no int(15),address varchar(30),\
car_ptno varchar(30),drop_date date,drop_time varchar(10),\
drop_place varchar(20),foreign key(car_ptno) references cars(car_ptno))"
    cur.execute(query)
create_table()

def insert_values():#(TO ADD VALUES INTO TABLE)
    while True:
        print()
        clr.write('\t  >>Insert<<\n',"KEYWORD")
        clr.write("\t    A.Car Details \n\t    B.Customer Details \n\t    C.Exit \n","SYNC")
        opt=input('\t    Enter Option: ')
        if opt.upper()=='A':#TO ADD CAR DETAILS
            print()
            clr.write('\t    >>Insert Car Details<<\n',"KEYWORD")
            cp=input("\t      Enter Plate Number: ")
            c_ptno = cp.upper()
            typ=input("\t      Enter Type: ")
            ty = typ.title()
            com=input("\t      Enter Company: ")
            comp  = com.title()
            model=input("\t      Enter Model: ")
            mod = model.title()
            rent=float(input("\t      Enter Rent: "))
            ins=float(input("\t      Enter Insurance: "))
            query="insert into cars values('"+c_ptno+"','"+ty+"',\
    '"+comp+"','"+mod+"','"+str(rent)+"','"+str(ins)+"',NULL)"
            cur.execute(query)
            con.commit()
            print()
            clr.write('\t      Done!\n',"STRING")
            print()
            return c_ptno,0
        elif opt.upper()=='B':#TO ADD CUSTOMER DETAILS
            print()
            clr.write('\t    >>Insert Customer Details<<\n',"KEYWORD")
            pno=input('\t      Enter Passport Number: ')
            pass_no = pno.upper()
            lno=input('\t      Enter License Number: ')
            li_no = lno.upper()
            n=input('\t      Enter Name: ')
            name = n.title()
            ph_no=int(input('\t      Enter Phone Number: '))
            add=input('\t      Enter Address: ')
            ad = add.title()
            cpt=input('\t      Enter Car Plate Number:  ')
            c_ptno = cpt.upper()
            q = "select status from cars where car_ptno = '"+c_ptno+"'""
            cur.execute(q)
            data = cur.fetchone()
            if data[0] == 'Not Available' or data[0] == 'Crashed':
                return c_ptno,2
            drop_date=input('\t      Enter Drop Date In The Format yyyy-mm-dd: ')
            drop_time=input('\t      Enter Drop Time In The Format HrHr:MinMin: ')
            d_p=input('\t      Enter Drop Place: ')
            drop_place = d_p.title()
            query="insert into customer values('{}','{}','{}',{},\
    '{}','{}','{}','{}','{}')".format(pass_no,li_no,name,ph_no,ad,\
                              c_ptno,drop_date,drop_time,drop_place)
            cur.execute(query)
            con.commit()
            print()
            clr.write('\t      Done!\n',"STRING")
            print()
            return c_ptno,1
        elif opt.upper()=='C':
            return -1,-1
        else:
            print()
            clr.write('\t    //Invalid Option// \n',"COMMENT")


#create_table()
################################# RUDHRA'S PART ################################
#car rental
#search
#Rudhra
     #for customers
def Search_CarType(a):
    query="select type,company,model,rent from cars where type = '"+str(a)+"' and \
status = 'Available'"
    cur.execute(query)
    data = cur.fetchall()
    return data
def Search_Company(a):
    query="select type,company,model,rent from cars where company = '"+str(a)+"' and \
status = 'Available'"
    cur.execute(query)
    data = cur.fetchall()
    return data
def Search_Model(a):
    q="select type,company,model,rent from cars where model = '"+str(a)+"' and \
status = 'Available'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_Rent(a,b):
    q="select type,company,model,rent from cars where rent between '"+a+"' and '"+b+"' and \
status = 'Available'"
    cur.execute(q)
    data = cur.fetchall()
    return data
        #for staff
def Search_CarTypeStaff(a):
    query="select * from cars where type = '"+str(a)+"'"
    cur.execute(query)
    data = cur.fetchall()
    return data
def Search_CompanyStaff(a):
    query="select * from cars where company = '"+str(a)+"'"
    cur.execute(query)
    data = cur.fetchall()
    return data
def Search_ModelStaff(a):
    q="select * from cars where model = '"+str(a)+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_RentStaff(a,b):
    q="select * from cars where rent between '"+a+"' and '"+b+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_Status(a):
    q = "select * from cars where status = '"+str(a)+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_Insurance(a,b):
    q="select * from cars where insurance between '"+a+"' and '"+b+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_PassportNo(a):
    q="select * from customer where passport_no = '"+str(a)+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_LicenseNo(a):
    q="select * from customer where license_no = '"+str(a)+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_Name(a):
    q="select * from customer where name like '%"+str(a)+"%'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_PhoneNo(a):
    q="select * from customer where phone_no like '%"+a+"%'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_Address(a):
    q="select * from customer where address like '%"+str(a)+"%'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_PtNo(a,b): #b 1 for car b 2 for customer
    if b == 1:
        q="select * from cars where car_ptno = '"+str(a)+"'"
        cur.execute(q)
        data = cur.fetchall()
        return data
    elif b == 2:
        q="select * from customer where car_ptno = '"+str(a)+"'"
        cur.execute(q)
        data = cur.fetchall()
        return data
def Search_DropDate(a):
    q="select * from customer where drop_date = '"+str(a)+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_DropTime(a):
    q="select * from customer where drop_time = '"+str(a)+"'"
    cur.execute(q)
    data = cur.fetchall()
    return data
def Search_DropPlace(a):
    q="select * from customer where drop_place like '%"+str(a)+"%'"
    cur.execute(q)
    data = cur.fetchall()
    return data
################################### KARAN'S PART ##################################
```

```
#Karan's Code

#updating car details

def Update_Rent(car_no,newrent):
    query="update cars set rent='"+str(newrent)+"' where car_ptno='"+str(car_no)+"'"
    cur.execute(query)
    con.commit()

def Update_Insurance(car_no,newins):
    query="update cars set insurance='"+str(newins)+"' where car_ptno='"+str(car_no)+"'"
    cur.execute(query)
    con.commit()
def Update_Status(car_no,newStatus):
    query = "update cars set status = '"+str(newStatus)+"' where car_ptno='"+str(car_no)+"'"
    cur.execute(query)
    con.commit()
#updating customer details

def Update_Address(p_no,newAdd):
    query="update customer set address='"+newAdd+"' where passport_no='"+str(p_no)+"'"
    cur.execute(query)
    con.commit()

def Update_Phone(p_no,newPhone):
    query="update customer set phone_no='"+str(newPhone)+"' where passport_no='"+str(p_no)+"'"
    cur.execute(query)
    con.commit()

def Update_Date(car_no,newDate):
    query="update customer set drop_date='"+newDate+"' where car_ptno='"+str(car_no)+"'"
    cur.execute(query)
    con.commit()
```

```
def Update_Time(car_no,newTime):
    query="update customer set drop_time='"+newTime+"' where car_ptno='"+str(car_no)+"'"
    cur.execute(query)
    con.commit()

def Update_Place(car_no,newPlace):
    query="update customer set drop_place='"+newPlace+"' where car_ptno='"+str(car_no)+"'"
    cur.execute(query)
    con.commit()

def Update_Carpt(p_no,car_no):
    query="update customer set car_ptno='"+car_no+"' where passport_no='"+p_no+"'"
    cur.execute(query)
    con.commit()

#delete customer when the car is returned
def Delete_Customer(p_no):
    query="delete from customer where passport_no='"+str(p_no)+"'"
    cur.execute(query)
    con.commit()

#delete car when the car is crashed and insurance is paid

def Delete_Car(car_no):
    query="delete from cars where car_ptno='"+str(car_no)+"'"
    cur.execute(query)
    con.commit()
################################### Extra functions ###################################
def customer_check(p_no):
    query="select * from customer where passport_no = '"+str(p_no)+"'"
    cur.execute(query)
    p = 0
    try:
        while True:
            dat=cur.fetchone()
            if dat[0]==p_no:
                p=1
    except :
        pass
    return p

def car_check(car_ptno):
    query="select * from cars where car_ptno = '"+str(car_ptno)+"'"
    cur.execute(query)
    p=0
    try:
        while True:
            dat=cur.fetchone()
            if dat[0]==car_ptno:
                p=1
    except :
        pass
    return p

def car_check_customer(car_ptno):
    query="select * from customer where car_ptno = '"+str(car_ptno)+"'"
    cur.execute(query)
    p=0
    try:
        while True:
            dat=cur.fetchone()
            if dat[5]==car_ptno:
                p=1
    except :
        pass
    return p
```

```
def display_all_cars():
    query="select * from cars"
    cur.execute(query)
    data = cur.fetchall()
    return data

def display_all_customers():
    query="select * from customer"
    cur.execute(query)
    data = cur.fetchall()
    return data
#################################### DEV'S PART ##################################
# Display by Dev Suthar
import random
from tabulate import tabulate
import sys
try:
    clr=sys.stdout.shell
except AttributeError:
    raise RuntimeError("USE IDLE")
l = ['Heya!' , 'Howdy!' , 'Hola!' , 'Hello!' , 'Bonjour!' , 'Ola!' , 'Namaste!' , 'Guten tag!',\
     'Nin hao!' , 'Konnichiwa!' , 'Merhaba!','Hallo!']
i = random.randrange(len(l))  # Gives random greeting everytime
clr.write(" \n","DEFINITION")
clr.write(" \n","ERROR")
print(' '*45,l[i].upper() ,'WELCOME TO METALLICA CAR RENTAL')
clr.write(" \n","ERROR")
clr.write(" \n","DEFINITION")
print()
while True:
    print()
    clr.write("Please Select Your Role: \n1.Customer \n2.Staff Member \n3.Exit \n","KEYWORD")
    print()
    a = int(input('Enter Option :  '))
    print()

    if a == 1:

        print('-'*121)

        print()

        while True:

            clr.write(" >>>CUSTOMER<<< \n","STRING")

            print()

            clr.write("\t1.Search A Car \n\t2.Update Your Details \n\t3.Exit \n","SYNC")

            b = int(input('\tEnter Option:  '))  #Menu

            if b == 1:

                print()

                print('-'*121)

                print()

                while True:

                    clr.write("\t>>Search Car Via<<\n","KEYWORD")

                    clr.write("\t  1.Car Type \n\t  2.Company \n\t  \

3.Model \n\t  4.Rent \n\t  5.Exit \n","SYNC")

                    c = int(input('\t  Enter Option:  '))

                    if c == 1:

                        print()

                        print('-'*121)

                        print()

                        while True:

                            pno=1

                            clr.write("\t  >>CAR TYPES<< \n","KEYWORD")

                            clr.write("\t    \

(1)Small: 2 Seater \n\t    (2)Medium: 4 Seater \n\t    (3)Large: 5 Seater \n\t    (4)Xlarge: 7 Seater\

\n\t    (5)Cruiser: 7 Seater for OffRoad \n\t    (6)Exit \n","SYNC") # Shows different types of car types
we have

                            Q = input('\t    Enter Preferred Car Type:  ')

                            if Q.isdigit() and Q!='6':

                                print()

                                clr.write('\t    **Please Enter Car Type**\n',"BUILTIN")

                                print()

                                continue
```

```
                      q = Q.title()  # To capitalize first letter of each word
                      d = Search_CarType(q)
                      if Q=='6' or Q.capitalize()=='Exit':
                         pno=0
                         print()
                         print('-'*121)
                         print()
                         break
                      if len(d)==0:
                         pno=0
                         print()
                         clr.write("\t    **The Type Of Car Is Currently Unavailable** \n","BUILTIN")
                         print()
                      else:
                         print()
                         print(tabulate(d,headers = ['Car Type','Car Company','Car Model',\
                                                 'Car Rent'],tablefmt = 'fancy_grid'))  #To print in tabular form
                         break
                elif c == 2:
                   print()
                   print('-'*121)
                   print()
                   while True:
                      pno=1
                      clr.write("\t  >>Car Companies<<\n","KEYWORD")
                      clr.write("\
\t    (1)Toyota \n\t    (2)Nissan \n\t    (3)Hyundai \n\t    (4)Honda \n\t    (5)Chevrolet \
\n\t    (6)Skoda \n\t    (7)Kia \n\t    (8)Exit \n","SYNC") # Shows the car companies we have
                      Q = input('\t    Enter Preferred Car Company:  ')
                      if Q.isdigit() and Q!='8':
                         print()
                         clr.write('\t    **Please Enter Car Company**\n',"BUILTIN")
                         print()
                         continue
                      q = Q.title()
                      d =Search_Company(q)
                      if Q=='8' or Q.capitalize()=='Exit':
                         pno=0
                         print()
                         print('-'*121)
                         print()
                         break
                      if len(d)==0:
                         pno=0
                         print()
                         clr.write("\t    **The Type Of Car Is Currently Unavailable** \n","BUILTIN")
                         print()
                      else:
                         print()
                         print(tabulate(d,headers = ['Car Type','Car Company','Car Model',\
                                                 'Car Rent'],tablefmt = 'fancy_grid'))
                         break
                elif c == 3:
                   print()
                   print('-'*121)
                   print()
                   while True:
                      pno=1
                      clr.write("\t  >>Car Models<< \n","KEYWORD")
                      clr.write("\
\t    (1)Micro \n\t    (2)Sedan \n\t    (3)Cuv \n\t    (4)Suv \n\t    (5)Minivan \n\t    (6)Exit \n","SYNC")
#Shows car models we have
                      Q = input('\t    Enter Preferred Car Model:  ')
                      if Q.isdigit() and Q!='6':
                         print()
                         clr.write('\t    **Please Enter Car Model** \n',"BUILTIN")
                         print()
                         continue
                      q = Q.title()
                d = Search_Model(q)
                if Q=='6' or Q.capitalize()=='Exit':
                     pno=0
                     print()
                     print('-'*121)
                     print()
                     break
                if len(d)==0:
                   pno=0
                   print()
                   clr.write("\t    **The Type Of Car Is Currently Unavailable** \n","BUILTIN")
                   print()
                else:
                   print()
                   print(tabulate(d,headers = ['Car Type','Car Company','Car Model',\
                                            'Car Rent'],tablefmt = 'fancy_grid'))
                   break
elif c == 4:
    print()
    print('-'*121)
    print()
    while True:
                pno=1
                clr.write("\t  >>Rent Range<< \n","KEYWORD")
                print()
                p = input('\t    Minimum Rent:  ')
                q = input('\t    Maximum Rent:  ')
                d = Search_Rent(p,q)
                if len(d)==0:
                   pno=0
                   print()
                   clr.write("\t    **The Type Of Car Is Currently Unavailable** \n","BUILTIN")
                   print()
                else:
                   print()
                   print(tabulate(d,headers = ['Car Type','Car Company','Car Model',\
                                            'Car Rent'],tablefmt = 'fancy_grid'))
                   print()
                while True:
                   s=1
                   Q=int(input('\t    1.Enter Again \n\t    2.Exit \n\t    Enter Option: '))
                   if Q==1:
                       print()
                       break
                   elif Q==2:
                       print()
                       s=0
                       break
                   else:
                       print()
                       clr.write("\t    //Invalid Option// \n","COMMENT")
                       print()
                if s==0:
                   break


elif c == 5:
    print()
    print('-'*121)
    print()
    break
else:
    print()
    clr.write("\t  //Invalid Option// \n","COMMENT")
    print()
    continue
if pno!=0:
    print()
```

```
                        clr.write("**Once You Have Finalized The Car You Want To Rent, Please Reach Out
To Our \
Staff For Further Process** \n","STRING")
                        print()
                        print("-"*121)
                        print()



            elif b == 2:
                print()
                print('-'*121)
                print()
                while True:
                    clr.write("\t>>Update<< \n","KEYWORD")
                    clr.write("\t  1.Phone Number \n\t  2.Address \
\n\t  3.Car Drop Details \n\t  4.Exit \n","SYNC")
                    c = int(input('\t  Enter Option:  '))
                    if c == 1:
                        print()
                        clr.write("\t  >>Update Phone Number<< \n","KEYWORD")
                        pn = input('\t    Enter Your Passport Number:  ')
                        p_no = pn.upper()  # To change every letter of the input to upper case
                        p = customer_check(p_no)
                        if p == 1:
                            nP = input('\t    Enter New Phone Number:  ')
                            Update_Phone(p_no,nP)
                            print()
                            clr.write("\t    Done! Phone Number Updated Successfully.. \n","STRING")
                            print()
                            print('-'*121)
                            print()
                        else:
                            print()
                            clr.write("\t    **Customer With This Passport Number Does Not Exist**
\n","BUILTIN")
```

```
                print()
                print('-'*121)
                print()
            elif c == 2:
                print()
                clr.write("\t  >>Update Address<< \n","KEYWORD")
                pn = input('\t    Enter Passport Number:  ')
                p_no = pn.upper()
                p = customer_check(p_no)
                if p == 1:
                    nA = input('\t    Enter New Address:  ')
                    newAdd = nA.title()
                    Update_Address(p_no,newAdd)
                    print()
                    clr.write("\t    Done! Address Updated Successfully.. \n","STRING")
                    print()
                    print('-'*121)
                    print()
                else:
                    print()
                    clr.write("\t    **Customer With This Passport Number Does Not Exist**
\n","BUILTIN")
                    print()
                    print('-'*121)
                    print()
            elif c == 3:
                while True:
                    print()
                    clr.write("\t  >>Update Car Drop Details<<\n","KEYWORD")
                    clr.write("\t    1.Drop Time \n\
\t    2.Drop Place \n\t    3.Drop Date \n\t    4.Exit \n","SYNC")
                    d = int(input('\t    Enter Option:  '))
                    if d == 1:
                        print()
                        clr.write("\t    >>Update Drop Time<< \n","KEYWORD")
```

```
        cn = input('\t      Enter Car License Plate:  ')
        car_no = cn.upper()  #To capitalize every letter of input
        p = car_check_customer(car_no)
        if p == 1:
            newTime = input('\t      Enter New Time In The Format HrHr:MinMin:  ')
            Update_Time(car_no,newTime)
            print()
            clr.write("\t      Done! Car Drop Time Updated Successfully... \n","SRING")
            print()
            print('-'*121)
            print()
            break

        else:
            print()
            clr.write("\t      **Car With This License Plate Does Not Exist** \n","BUILTIN")
            print()
            print('-'*121)
            print()
    elif d == 2:
        print()
        clr.write("\t    >>Update Drop Place<< \n","KEYWORD")
        cn = input('\t      Enter Car License Plate:  ')
        car_no = cn.upper()
        p = car_check_customer(car_no)
        if p == 1:
            nP = input('\t      Enter New Drop Place:  ')
            newPlace = nP.title()
            Update_Place(car_no,newPlace)
            print()
            clr.write("\t      Done! Car Drop Place Updated Successfully... \n","STRING")
            print()
            print('-'*121)
            print()
        break


    else:
        print()
        clr.write("\t      **Car With This License Plate Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
elif d == 3:
    print()
    clr.write("\t    >>Update Drop Date<< \n","KEYWORD")
    cn = input('\t      Enter Car License Plate:  ')
    car_no = cn.upper()
    p = car_check_customer(car_no)
    if p == 1:
        newDate = input('\t      Enter New Drop Date In The Format yyyy-mm-dd:  ')
        Update_Date(car_no,newDate)
        print()
        clr.write("\t      Done! Car Drop Date Updated Successfully... \n","STRING")
        print()
        print('-'*121)
        print()
        break
    else:
        print()
        clr.write("\t      **Car With This License Plate Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
elif d == 4:
    print()
    print('-'*121)
    print()
    break
```

```
                        else:
                            print()
                            clr.write('\t    //Invalid Option// \n',"COMMENT")
                elif c == 4:
                    print()
                    print('-'*121)
                    print()
                    break
                else:
                    print()
                    clr.write('\t  //Invalid Option// \n',"COMMENT")
                    print()
        elif b == 3:
            print()
            clr.write("\t--Thank You!-- \n","DEFINITION")
            print()
            print('-'*121)
            print()
            break
        else:
            print()
            clr.write('\t//Invalid Option// \n',"COMMENT")
            print()
elif a == 2:
    print('-'*121)
    clr.write('Enter Password:','COMMENT')
    b = input(' ')   #Password is - BestCarRental
    if b == 'BestCarRental':
        print('-'*121)
        print()
        while True:
            print()
            clr.write(' >>>Staff<<<\n',"STRING")
            print()
        clr.write("\t1.Insert New Car/Customer Details \n\t2.Search \
Details \n\t3.Update/Delete \n\t4.Display All \n\t5.Exit \n","SYNC")   #Menu for staff
        c = int(input('\tEnter Option:  '))
        if c == 1:
          print()
          print('-'*121)
          print()
          while True:
            clr.write(" \t>>Insert<< \n","KEYWORD")
            clr.write("\t  1.Add New Car/Customer \n\t  2.Exit \n","SYNC")
            op = int(input('\t  Enter Option: '))
            if op == 1:
              car_no,R=insert_values()
              if R==0:
                status='Available'
                Update_Status(car_no,status)
              elif R==1:
                status='Not Available'
                Update_Status(car_no,status)
              elif R==2:
                print()
                clr.write('\t  **The Car Is Not Available For Rent**\n',"BUILTIN")
                print()
              else:
                print()
            elif op == 2:
              print()
              print('-'*121)
              print()
              break
            else:
              print()
              clr.write('\t  //Invalid Option// \n'," COMMENT")
              print()
```

```
                elif c == 2:
                    print()
                    print('-'*121)
                    print()
                    while True:
                        clr.write("\t>>Search<< \n","KEYWORD")
                        clr.write("\t  1.Customer Details \n\t  2.Car Details \n\t  3.Exit \n","SYNC")
                        d = int(input('\t  Enter Option:  '))
                        print()
                        if d == 1:     #Customer details
                            print()
                            print('-'*121)
                            print()
                            while True:
                                clr.write("\t  >>Search Customer Via<<\n","KEYWORD")
                                clr.write("\t    1.Passport Number \n\t    2.License Number\
\n\t    3.Name \n\t    4.Phone Number \n\t    5.Address \n\t    6.Car Plate Number \
\n\t    7.Car Drop Details \n\t    8.Exit \n","SYNC")
                                e = int(input('\t    Enter Option:  '))
                                print()
                                if e == 1:
                                    clr.write('\t    >>Search Via Passport Number<<\n',"KEYWORD")
                                    pn = input('\t      Enter Passport Number:  ')
                                    p_no = pn.upper()
                                    f = Search_PassportNo(p_no)
                                    if len(f) == 0:
                                        print()
                                        clr.write("\t      **Customer With This Passport Number Does Not Exist**
\n","BUILTIN")
                                        print()
                                        print('-'*121)
                                        print()
                                    else:
                                        print()
```

```
            print(tabulate(f,headers = ['Pass_No','License',\
                                  'Name','PhoneNo',\
                                  'Address','CarPtNo' ,\
                                  'DropDate','DropTime',\
                                  'DropPlace'],tablefmt = 'fancy_grid'))
            print()
            print('-'*121)
            print()
    elif e == 2:
        clr.write('\t    >>Search Via License Number<<\n',"KEYWORD")
        ln = input('\t      Enter License Number:  ')
        l_no = ln.upper()
        f = Search_LicenseNo(l_no)
        if len(f) == 0:
            print()
            clr.write("\t      **Customer With This License Number Does Not Exist**
\n","BUILTIN")
            print()
            print('-'*121)
            print()
        else:
            print()
            print(tabulate(f,headers = ['Pass_No','License',\
                                  'Name','PhoneNo',\
                                  'Address','CarPtNo' ,\
                                  'DropDate','DropTime',\
                                  'DropPlace'],tablefmt = 'fancy_grid'))
            print()
            print('-'*121)
            print()
    elif e == 3:
        clr.write('\t    >>Search Via Name<<\n',"KEYWORD")
        N = input('\t      Enter Name:  ')
        n = N.title()
        f = Search_Name(n)
        if len(f) == 0:
            print()
            clr.write("\t      **Customer With This Name Does Not Exist** \n","BUILTIN")
            print()
            print('-'*121)
            print()
        else:
            print()
            print(tabulate(f,headers = ['Pass_No','License',\
                                        'Name','PhoneNo',\
                                        'Address','CarPtNo' ,\
                                        'DropDate','DropTime',\
                                        'DropPlace'],tablefmt = 'fancy_grid'))
            print()
            print('-'*121)
            print()
    elif e == 4:
        clr.write('\t    >>Search Via Phone Number<<\n',"KEYWORD")
        p = input('\t      Enter Phone Number:  ')
        f = Search_PhoneNo(p)
        if len(f) == 0:
            print()
            clr.write("\t      **Customer With This Phone Number Does Not Exist**
\n","BUILTIN")
            print()
            print('-'*121)
            print()
        else:
            print()
            print(tabulate(f,headers = ['Pass_No','License',\
                                        'Name','PhoneNo',\
                                        'Address','CarPtNo' ,\
                                        'DropDate','DropTime',\
                                        'DropPlace'],tablefmt = 'fancy_grid'))
            print()
```

```
                                print('-'*121)
                                print()
                        elif e == 5:
                            clr.write('\t    >>Search Via Address<<\n',"KEYWORD")
                            ad = input('\t      Enter Address:  ')
                            add = ad.title()
                            f = Search_Address(add)
                            if len(f) == 0:
                                print()
                                clr.write("\t      **Customer With This Address Does Not Exist**
\n","BUILTIN")
                                print()
                                print('-'*121)
                                print()
                            else:
                                print()
                                print(tabulate(f,headers = ['Pass_No','License',\
                                                            'Name','PhoneNo',\
                                                            'Address','CarPtNo' ,\
                                                            'DropDate','DropTime',\
                                                            'DropPlace'],tablefmt = 'fancy_grid'))
                                print()
                                print('-'*121)
                                print()
                        elif e == 6:
                            clr.write('\t    >>Search Via Car Plate Number<<\n',"KEYWORD")
                            cn = input('\t      Enter Car Plate Number:  ')
                            c_no = cn.upper()
                            cus = 2
                            f = Search_PtNo(c_no,cus)
                            if len(f) == 0:
                                print()
                                clr.write("\t      **Customer With This Car Plate Number Does Not Exist**
\n","BUILTIN")
                                print()
```

```
                print('-'*121)
                print()
            else:
                print()
                print(tabulate(f,headers = ['Pass_No','License',\
                                            'Name','PhoneNo',\
                                            'Address','CarPtNo' ,\
                                            'DropDate','DropTime',\
                                            'DropPlace'],tablefmt = 'fancy_grid'))
                print()
                print('-'*121)
                print()
        elif e == 7:
            while True:
                clr.write("\t    >>Search Car Drop Details Via<< \n","KEYWORD")
                clr.write("\t      1.Drop Place \n\t      2.Drop Date \
\n\t      3.Drop Time \n\t      4.Exit \n","SYNC")
                f = int(input('\t      Enter Option:  '))
                print()
                if f == 1:
                    clr.write('\t      >>Search Via Drop Place<<\n',"KEYWORD")
                    pl = input('\t        Enter Drop Place:  ')
                    pla = pl.title()
                    g = Search_DropPlace(pla)
                    if len(g) == 0:
                        print()
                        clr.write("\t        **Customer With This Drop Place Does Not Exist**
\n","BUILTIN")
                        print()
                    else:
                        print()
                        print(tabulate(g,headers = ['Pass_No','License',\
                                                'Name','PhoneNo',\
                                                'Address','CarPtNo' ,\
                                                'DropDate','DropTime',\
                                                'DropPlace'],tablefmt = 'fancy_grid'))
                        print()
                        print('-'*121)
                        print()
                        break
                elif f == 2:
                    clr.write('\t      >>Search Via Drop Date<<\n',"KEYWORD")
                    da = input('\t        Enter Drop Date In Format yyyy-mm-dd:  ')
                    g =Search_DropDate(da)
                    if len(g) == 0:
                        print()
                        clr.write("\t        **Customer With This Drop Date Does Not Exist**
\n","BUILTIN")
                        print()
                    else:
                        print()
                        print(tabulate(g,headers = ['Pass_No','License',\
                                                'Name','PhoneNo',\
                                                'Address','CarPtNo' ,\
                                                'DropDate','DropTime',\
                                                'DropPlace'],tablefmt = 'fancy_grid'))
                        print()
                        print('-'*121)
                        print()
                        break
                elif f == 3:
                    clr.write('\t      >>Search Via Drop Time<<\n',"KEYWORD")
                    a = input('\t        Enter Drop Time In Format HrHr:MinMin:  ')
                    g = Search_DropTime(a)
                    if len(g) == 0:
                        print()
                        clr.write("\t        **Customer With This Drop Time Does Not Exist**
\n","BUILTIN")
                        print()
                    else:
```

```
                                                print()
                                                print(tabulate(g,headers = ['Pass_No','License',\
                                                                        'Name','PhoneNo',\
                                                                        'Address','CarPtNo' ,\
                                                                        'DropDate','DropTime',\
                                                                        'DropPlace'],tablefmt = 'fancy_grid'))
                                                print()
                                                print('-'*121)
                                                print()
                                                break
                                        elif f == 4:
                                            print()
                                            print('-'*121)
                                            print()
                                            break
                                        else:
                                            clr.write('\t      //Invalid Option// \n',"COMMENT")
                                            print()
                                elif e == 8:
                                    print()
                                    print('-'*121)
                                    print()
                                    break
                                else:
                                    clr.write('\t    //Invalid Option// \n',"COMMENT")
                                    print()
                        elif d == 2:    #Car details
                            print()
                            print('-'*121)
                            print()
                            while True:
                                clr.write("\t  >>Search Car Via<< \n","KEYWORD")
                                clr.write("\t    1.Plate Number \n\t    2.Type \n\t    3.Company \
\n\t    4.Model \n\t    5.Rent \n\t    6.Insurance \n\t    7.Status \n\t    8.Exit \n","SYNC")
```

```
e = int(input('\t    Enter Option:  '))
print()
if e == 1:
    clr.write('\t    >>Search Via Plate Number<<\n',"KEYWORD")
    cn = input('\t      Enter Car Plate Number:  ')
    c_no = cn.upper()
    staff = 1
    f = Search_PtNo(c_no,staff)
    if len(f) == 0:
        print()
        clr.write("\t      **Car With This Plate Number Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
    else:
        print()
        print(tabulate(f,headers = ['Car PtNo','Type','Company','Model',\
                                   'Rent','Insurance','Status'],\
                       tablefmt = 'fancy_grid'))
        print()
        print('-'*121)
        print()
elif e == 2:
    clr.write('\t    >>Search Via Type<<\n',"KEYWORD")
    Q = input('\t      Enter Car Type:  ')
    q = Q.title()
    f = Search_CarTypeStaff(q)
    if len(f)==0:
        print()
        clr.write("\t      **Car Of This Type Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
    else:
            print()
            print(tabulate(f,headers = ['Car PtNo','Type','Company','Model',\
                                       'Rent','Insurance','Status'],\
                           tablefmt = 'fancy_grid'))
            print()
            print('-'*121)
            print()
    elif e == 3:
        clr.write('\t    >>Search Via Company<<\n',"KEYWORD")
        Q = input('\t      Enter Car Company:  ')
        q = Q.title()
        f = Search_CompanyStaff(q)
        if len(f)==0:
            print()
            clr.write("\t      **Car Of This Company Does Not Exist** \n","BUILTIN")
            print()
            print('-'*121)
            print()
        else:
            print()
            print(tabulate(f,headers = ['Car PtNo','Type','Company','Model',\
                                       'Rent','Insurance','Status'],\
                           tablefmt = 'fancy_grid'))
            print()
            print('-'*121)
            print()
    elif e == 4:
        clr.write('\t    >>Search Via Model<<\n',"KEYWORD")
        m = input('\t      Enter Car Model:  ')
        M = m.title()
        f = Search_ModelStaff(M)
        if len(f)==0:
            print()
            clr.write("\t      **Car Of This Model Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
    else:
        print()
        print(tabulate(f,headers = ['Car PtNo','Type','Company','Model',\
                                    'Rent','Insurance','Status'],\
                       tablefmt = 'fancy_grid'))
        print()
        print('-'*121)
        print()
elif e == 5:
    clr.write('\t    >>Search Via Rent<<\n',"KEYWORD")
    p = input('\t      Enter Minimum Rent:  ')
    q = input('\t      Enter Maximum Rent:  ')
    f = Search_RentStaff(p,q)
    if len(f)==0:
        print()
        clr.write("\t      **Car Within This Rent Range Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
    else:
        print()
        print(tabulate(f,headers = ['Car PtNo','Type','Company','Model',\
                                    'Rent','Insurance','Status'],\
                       tablefmt = 'fancy_grid'))
        print()
        print('-'*121)
        print()
elif e == 6:
    clr.write('\t    >>Search Via Insurance<<\n',"KEYWORD")
    mi = input('\t      Enter Minimum Insurance:  ')
    Mi = input('\t      Enter Maximum Insurance:  ')
```

```
                    f = Search_Insurance(mi,Mi)
                    if len(f)==0:
                        print()
                        clr.write("\t      **Car Within This Insurance Range Does Not Exist**
\n","BUILTIN")
                        print()
                        print('-'*121)
                        print()
                    else:
                        print()
                        print(tabulate(f,headers = ['Car PtNo','Type','Company','Model',\
                                                   'Rent','Insurance','Status'],\
                                       tablefmt = 'fancy_grid'))
                        print()
                        print('-'*121)
                        print()
                elif e == 7:
                    clr.write('\t    >>Search Via Status<<\n',"KEYWORD")
                    s = input('\t      Enter Status:  ')
                    S = s.title()
                    f = Search_Status(S)
                    if len(f)==0:
                        print()
                        clr.write("\t      **Car With This Status Does Not Exist** \n","BUILTIN")
                        print()
                        print('-'*121)
                        print()
                    else:
                        print()
                        print(tabulate(f,headers = ['Car PtNo','Type','Company','Model',\
                                                   'Rent','Insurance','Status'],\
                                       tablefmt = 'fancy_grid'))
                        print()
                        print('-'*121)
                        print()
```

```
                                elif e == 8:
                                    print()
                                    print('-'*121)
                                    print()
                                    break
                                else:
                                    clr.write('\t    //Invalid Option// \n',"COMMENT")
                                    print()
                        elif d == 3:
                            print()
                            print('-'*121)
                            print()
                            break
                        else:
                            clr.write('\t  //Invalid Option// \n',"COMMENT")
                            print()
                elif c == 3:
                    print()
                    print('-'*121)
                    print()
                    while True:
                        clr.write("\t>>Update/Delete<<\n","KEYWORD")
                        clr.write("\t  1.Car Details \n\t  2.Customer Details \n\t  3.Exit \n","SYNC")
#Update/Delete menu
                        d = int(input('\t  Enter Option:  '))
                        print()
                        if d == 1:
                            print()
                            print('-'*121)
                            print()
                            while True:
                                clr.write("\t  >>Update/Delete Car Details<< \n","KEYWORD")
                                clr.write("\t    1.Update Rent \n\t    2.Update Insurance \n\t    3.Update Status \
\n\t    4.Delete Car \n\t    5.Exit \n","SYNC")
                                e = int(input('\t    Enter Option:  '))
```

```
print()
if e == 1:
    clr.write('\t    >>Update Rent<<\n',"KEYWORD")
    cn = input('\t      Enter Car Plate Number:  ')
    car_ptno = cn.upper()
    p = car_check(car_ptno)
    if p == 1:
        newrent = input('\t      Enter New Rent:  ')
        Update_Rent(car_ptno,newrent)
        print()
        clr.write("\t      Done! Car Rent Updated Successfully.. \n","STRING")
        print()
        print('-'*121)
        print()
    else:
        print()
        clr.write("\t      **Car With This Plate Number Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
elif e == 2:
    clr.write('\t    >>Update Insurance<<\n',"KEYWORD")
    cn = input('\t      Enter Car Plate Number:  ')
    car_ptno = cn.upper()
    p = car_check(car_ptno)
    if p == 1:
        newins = input('\t      Enter New Insurance:  ')
        Update_Insurance(car_ptno,newins)
        print()
        clr.write("\t      Done! Car Insurance Updated Successfully.. \n","STRING")
        print()
        print('-'*121)
        print()
    else:
        print()
        clr.write("\t      **Car With This Plate Number Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
elif e == 3:
    clr.write('\t    >>Update Status<<\n',"KEYWORD")
    cn = input('\t      Enter Car Plate Number:  ')
    car_ptno = cn.upper()
    p = car_check(car_ptno)
    if p == 1:
        ns = input('\t      Enter New Status:  ')
        newStatus = ns.title()
        Update_Status(car_ptno,newStatus)
        print()
        clr.write("\t      Done! Car Status Updated Successfully \n","STRING")
        print()
        print('-'*121)
        print()
    else:
        print()
        clr.write("\t      **Car With This Plate Number Does Not Exist** \n","BUILTIN")
        print()
        print('-'*121)
        print()
elif e == 4:
    clr.write('\t    >>Delete Car<<\n',"KEYWORD")
    cn = input('\t      Enter Car Plate Number:  ')
    car_ptno = cn.upper()
    p = car_check(car_ptno)
    if p == 1:
        try:
            clr.write("\n\t      Please Make Sure Insurance Is Paid If The Car Is Crashed \n","SYNC")
            print('\n\t      1.Proceed \n\t      2.Exit')
```

```
                                            f = int(input('\t      Enter option:  '))
                                            if f == 1:
                                                Delete_Car(car_ptno)
                                                print()
                                                clr.write("\t      Car Details Deleted Successfully.. \n","STRING")
                                                print()
                                                print('-'*121)
                                                print()
                                            else:
                                                print()
                                                clr.write('\t      --Thank You!--\n',"DEFINITION")
                                                print()
                                        except:
                                            clr.write('\n\t      **Please Make Sure The Customer Using This \
Car Is Deleted First\n\n',"BUILTIN")
                                    else:
                                        print()
                                        clr.write("\t      **Car With This Plate Number Does Not Exist** \n","BUILTIN")
                                        print()
                                        print('-'*121)
                                        print()
                                elif e == 5:
                                    print()
                                    print('-'*121)
                                    print()
                                    break
                                else:
                                    clr.write('\t    //Invalid Option// \n',"COMMENT")
                                    print()
                        elif d == 2:
                            print()
                            print('-'*121)
                            print()
                            while True:
```

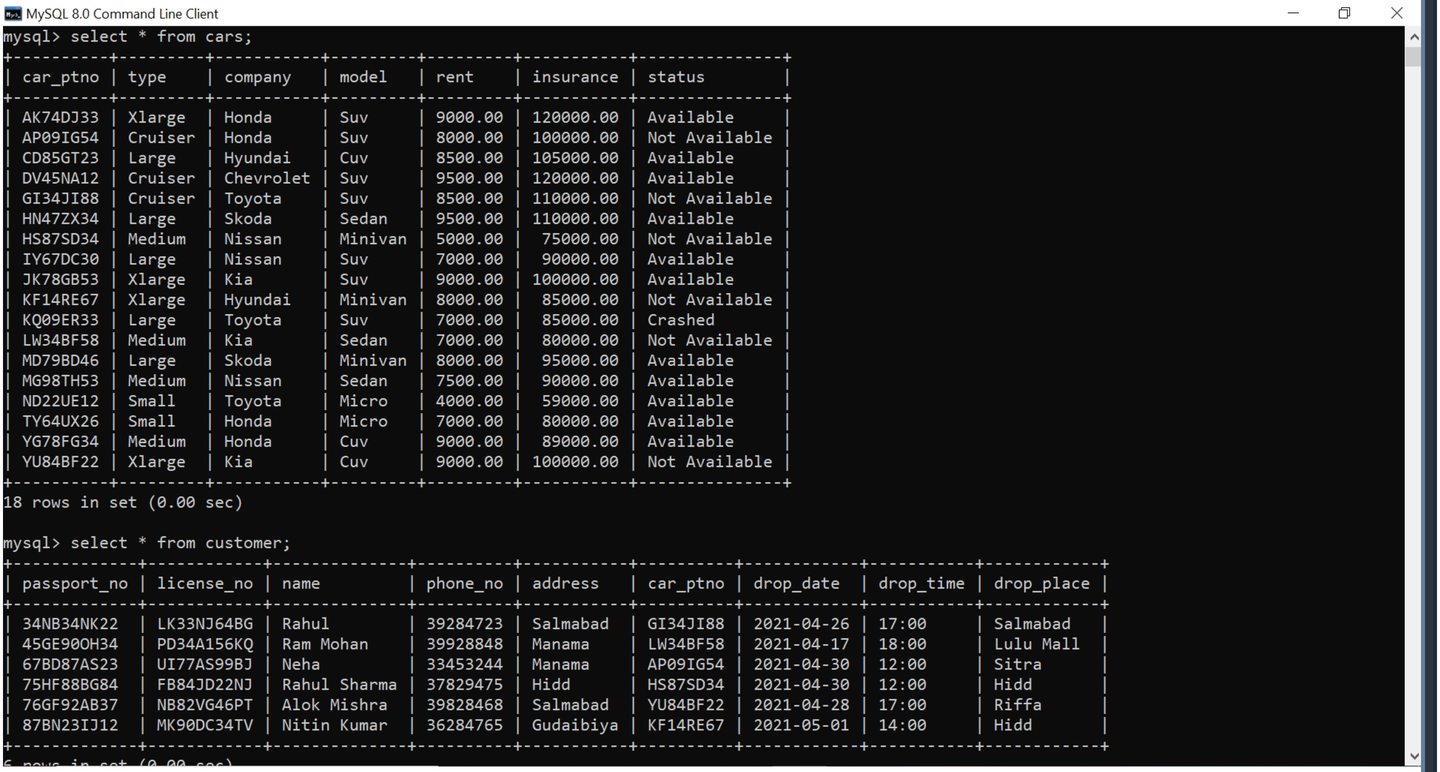
```
clr.write('\t  >>Update/Delete Customer Details<<\n',"KEYWORD")
clr.write('\t    1.Update Car For Customer \n\t    2.Delete Customer \n\t    3.Exit
\n',"SYNC")
op = int(input('\t    Enter Option: '))
print()
if op == 1:
    clr.write('\t    >>Update Car For Customer<<\n',"KEYWORD")
    pn = input('\t      Enter Passport ID:  ')
    p_no = pn.upper()
    p = customer_check(p_no)
    if p == 1:
        car_no = input('\t      Enter New Car Plate Number: ')
        query="select status from cars where car_ptno = '"+car_no+"'"
        cur.execute(query)
        check_s=1
        try:
            while True:
                dat=cur.fetchone()
                if dat[0]=='Not Available':
                    check_s=0
        except:
            pass
        if check_s==1:
            query="select car_ptno from customer where passport_no =
'"+str(p_no)+"'"
            cur.execute(query)
            try:
                while True:
                    dat=cur.fetchone()
                    Update_Status(dat[0],'Available')
            except :
                pass
            Update_Carpt(p_no,car_no)
            Update_Status(car_no,'Not Available')
            print()
```

```
                            clr.write('\t      Customer Details Updated Successfully..\n',"STRING")
                            print()
                            print('-'*121)
                            print()
                        else:
                            print()
                            clr.write('\t      The Car Is Not Available For Rent\n',"BUILTIN")
                            print()
                            print('-'*121)
                            print()
                    else:
                        print()
                        clr.write("\t      **Customer With This Passport Number Does Not Exist**
\n","BUILTIN")
                        print()
                        print('-'*121)
                        print()

                elif op == 2:
                    clr.write('\t    >>Delete Car<<\n',"KEYWORD")
                    pn = input('\t      Enter Passport ID:  ')
                    p_no = pn.upper()
                    p = customer_check(p_no)
                    if p == 1:
                        clr.write('\n\t      Please Make Sure The Billings Have Been Done\n',"SYNC")
                        print('\n\t      1.Proceed \n\t      2.Exit')
                        e = int(input('\t      Enter Option:  '))
                        if e == 1:
                            query="select car_ptno from customer where passport_no =
'"+str(p_no)+"'"
                            cur.execute(query)
                            try:
                                while True:
                                    dat=cur.fetchone()
                                    Update_Status(dat[0],'Available')
                            except :
                                pass
                            Delete_Customer(p_no)
                            print()
                            clr.write('\t      Customer Details Deleted Successfully..\n',"STRING")
                            print()
                            print('-'*121)
                            print()
                        else:
                            print()
                            clr.write("\t      --Thank You!-- \n","DEFINITION")
                            print()
                    else:
                        print()
                        clr.write("\t      **Customer With This Passport Number Does Not Exist**
\n","BUILTIN")
                        print()
                        print('-'*121)
                        print()
                elif op == 3:
                    print()
                    print('-'*121)
                    print()
                    break
                else:
                    clr.write('\t    //Invalid Option// \n',"COMMENT")
                    print()
elif d == 3:
    print()
    print('-'*121)
    print()
    break

else:
    clr.write('\t  //Invalid Option// \n',"COMMENT")
```

```
            print()
    elif c == 4:
        print()
        print('-'*121)
        print()
        while True:
            clr.write("\t>>Display All<< \n","KEYWORD")
            clr.write("\t  1.Customer Details \n\t  2.Car Details \n\t  3.Exit \n","SYNC")
            op = int(input('\t  Enter Option: '))
            print()
            if op == 1:
                print('-'*121)
                print()
                clr.write('>>Customer Details<<\n',"KEYWORD")
                print()
                d = display_all_customers()
                print(tabulate(d,headers = ['Passport No.','License No.','Name','Phone No.',\
                                    'Address','Car Plate No.','Drop Date','Drop Time',\
                                    'Drop Place'],tablefmt = 'fancy_grid'))
                print()
                print('-'*121)
                print()

            elif op == 2:
                print('-'*121)
                print()
                clr.write('>>Cars Details<<\n',"KEYWORD")
                print()
                d = display_all_cars()
                print(tabulate(d,headers = ['Car Plate No.','Car Type','Car Company','Car Model',\
                                        'Car Rent','Car Insurance','Car Status'],tablefmt = 'fancy_grid'))
                print()
                print('-'*121)
                print()
```

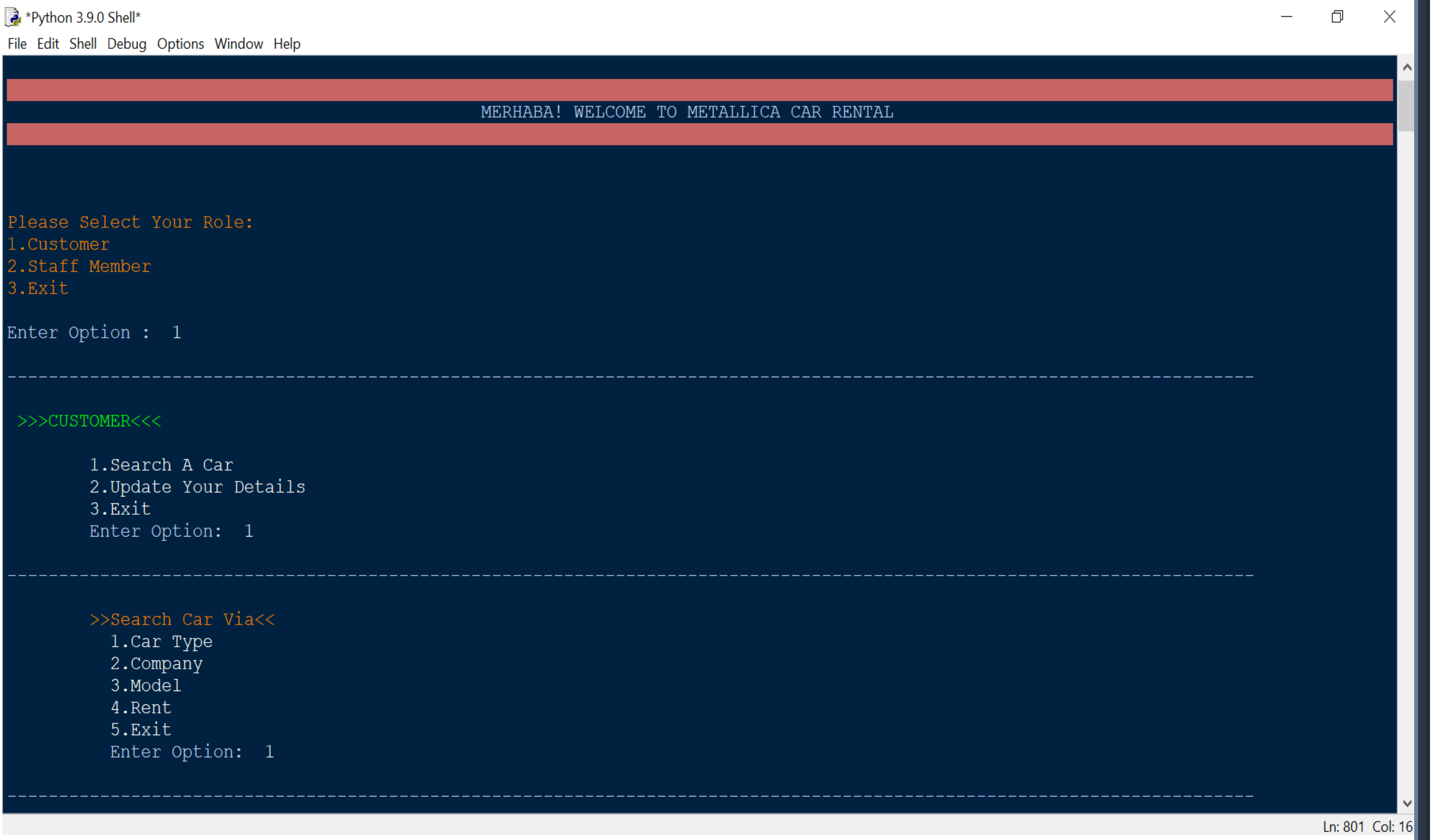
```
                        elif op == 3:
                            print()
                            print('-'*121)
                            print()
                            break

                        else:
                            clr.write("\t  //Invalid Option// \n","COMMENT")
                            print()
                elif c == 5:
                    print()
                    clr.write('\t--Thank You!--\n',"DEFINITION")
                    print('-'*121)
                    print()
                    break
                else:
                    print()
                    clr.write("\t//Invalid Option// \n","COMMENT")
        else:
            print('-'*121)
            clr.write("Incorrect Password \n","COMMENT")
            print('-'*121)
            print()
    elif a==3:
        print()
        clr.write("******************************************THANK YOU FOR CHOOSIING METALLICA
CAR RENTAL********\

**************************** \n","DEFINITION")
        print()
        break
    else :
        print()
        clr.write("//Invalid Option// \n","COMMENT")
        print()
```

SAMPLE OUTPUT

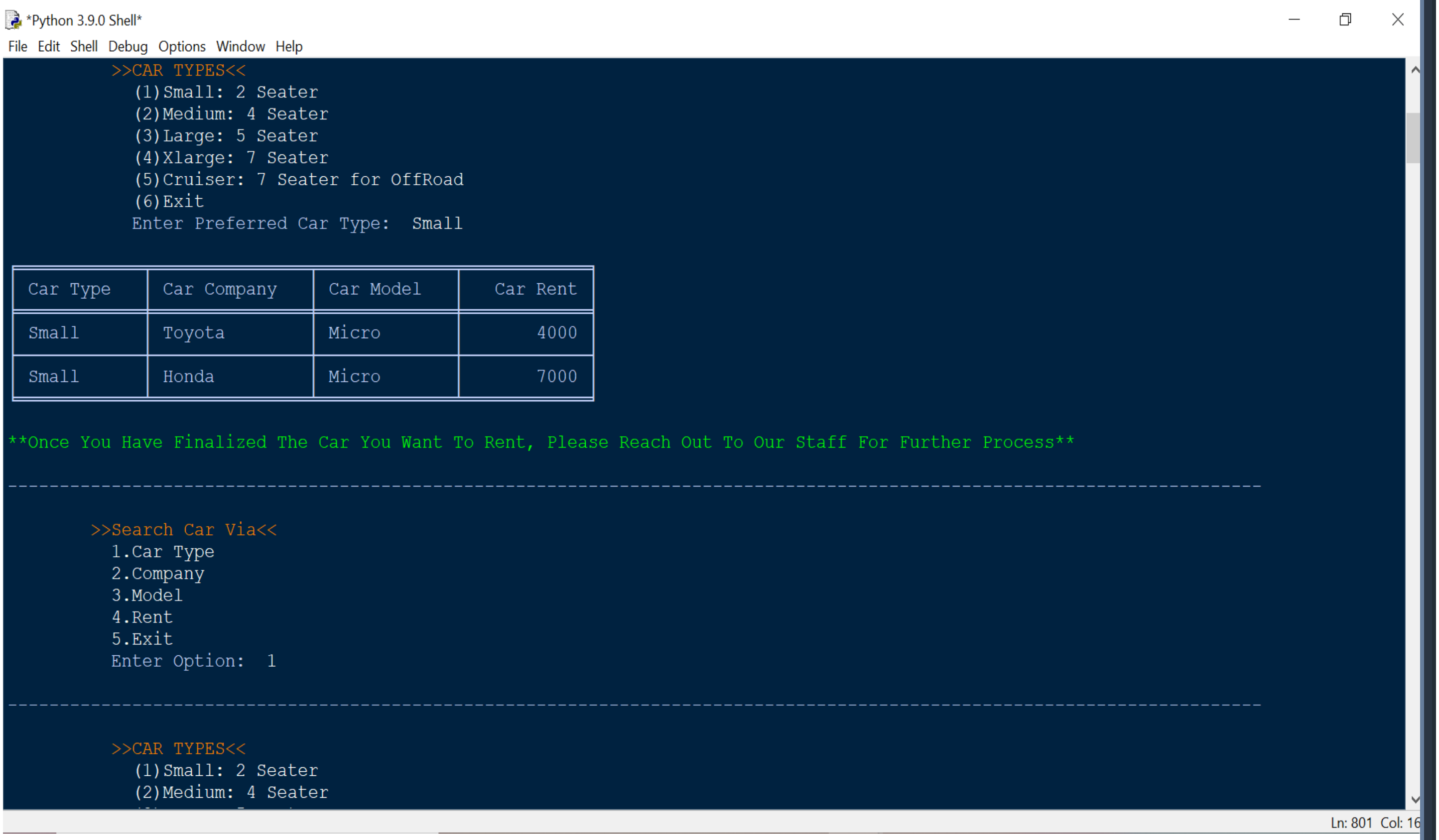


```
mysql> select * from cars;
+----------+---------+-----------+---------+---------+-----------+---------------+
| car_ptno | type    | company   | model   | rent    | insurance | status        |
+----------+---------+-----------+---------+---------+-----------+---------------+
| AK74DJ33 | Xlarge  | Honda     | Suv     | 9000.00 | 120000.00 | Available     |
| AP09IG54 | Cruiser | Honda     | Suv     | 8000.00 | 100000.00 | Not Available |
| CD85GT23 | Large   | Hyundai   | Cuv     | 8500.00 | 105000.00 | Available     |
| DV45NA12 | Cruiser | Chevrolet | Suv     | 9500.00 | 120000.00 | Available     |
| GI34JI88 | Cruiser | Toyota    | Suv     | 8500.00 | 110000.00 | Not Available |
| HN47ZX34 | Large   | Skoda     | Sedan   | 9500.00 | 110000.00 | Available     |
| HS87SD34 | Medium  | Nissan    | Minivan | 5000.00 |  75000.00 | Not Available |
| IY67DC30 | Large   | Nissan    | Suv     | 7000.00 |  90000.00 | Available     |
| JK78GB53 | Xlarge  | Kia       | Suv     | 9000.00 | 100000.00 | Available     |
| KF14RE67 | Xlarge  | Hyundai   | Minivan | 8000.00 |  85000.00 | Not Available |
| KQ09ER33 | Large   | Toyota    | Suv     | 7000.00 |  85000.00 | Crashed       |
| LW34BF58 | Medium  | Kia       | Sedan   | 7000.00 |  80000.00 | Not Available |
| MD79BD46 | Large   | Skoda     | Minivan | 8000.00 |  95000.00 | Available     |
| MG98TH53 | Medium  | Nissan    | Sedan   | 7500.00 |  90000.00 | Available     |
| ND22UE12 | Small   | Toyota    | Micro   | 4000.00 |  59000.00 | Available     |
| TY64UX26 | Small   | Honda     | Micro   | 7000.00 |  80000.00 | Available     |
| YG78FG34 | Medium  | Honda     | Cuv     | 9000.00 |  89000.00 | Available     |
| YU84BF22 | Xlarge  | Kia       | Cuv     | 9000.00 | 100000.00 | Not Available |
+----------+---------+-----------+---------+---------+-----------+---------------+
18 rows in set (0.00 sec)

mysql> select * from customer;
+-------------+------------+--------------+----------+-----------+----------+------------+-----------+------------+
| passport_no | license_no | name         | phone_no | address   | car_ptno | drop_date  | drop_time | drop_place |
+-------------+------------+--------------+----------+-----------+----------+------------+-----------+------------+
| 34NB34NK22  | LK33NJ64BG | Rahul        | 39284723 | Salmabad  | GI34JI88 | 2021-04-26 | 17:00     | Salmabad   |
| 45GE90OH34  | PD34A156KQ | Ram Mohan    | 39928848 | Manama    | LW34BF58 | 2021-04-17 | 18:00     | Lulu Mall  |
| 67BD87AS23  | UI77AS99BJ | Neha         | 33453244 | Manama    | AP09IG54 | 2021-04-30 | 12:00     | Sitra      |
| 75HF88BG84  | FB84JD22NJ | Rahul Sharma | 37829475 | Hidd      | HS87SD34 | 2021-04-30 | 12:00     | Hidd       |
| 76GF92AB37  | NB82VG46PT | Alok Mishra  | 39828468 | Salmabad  | YU84BF22 | 2021-04-28 | 17:00     | Riffa      |
| 87BN23IJ12  | MK90DC34TV | Nitin Kumar  | 36284765 | Gudaibiya | KF14RE67 | 2021-05-01 | 14:00     | Hidd       |
+-------------+------------+--------------+----------+-----------+----------+------------+-----------+------------+
6 rows in set (0.00 sec)
```

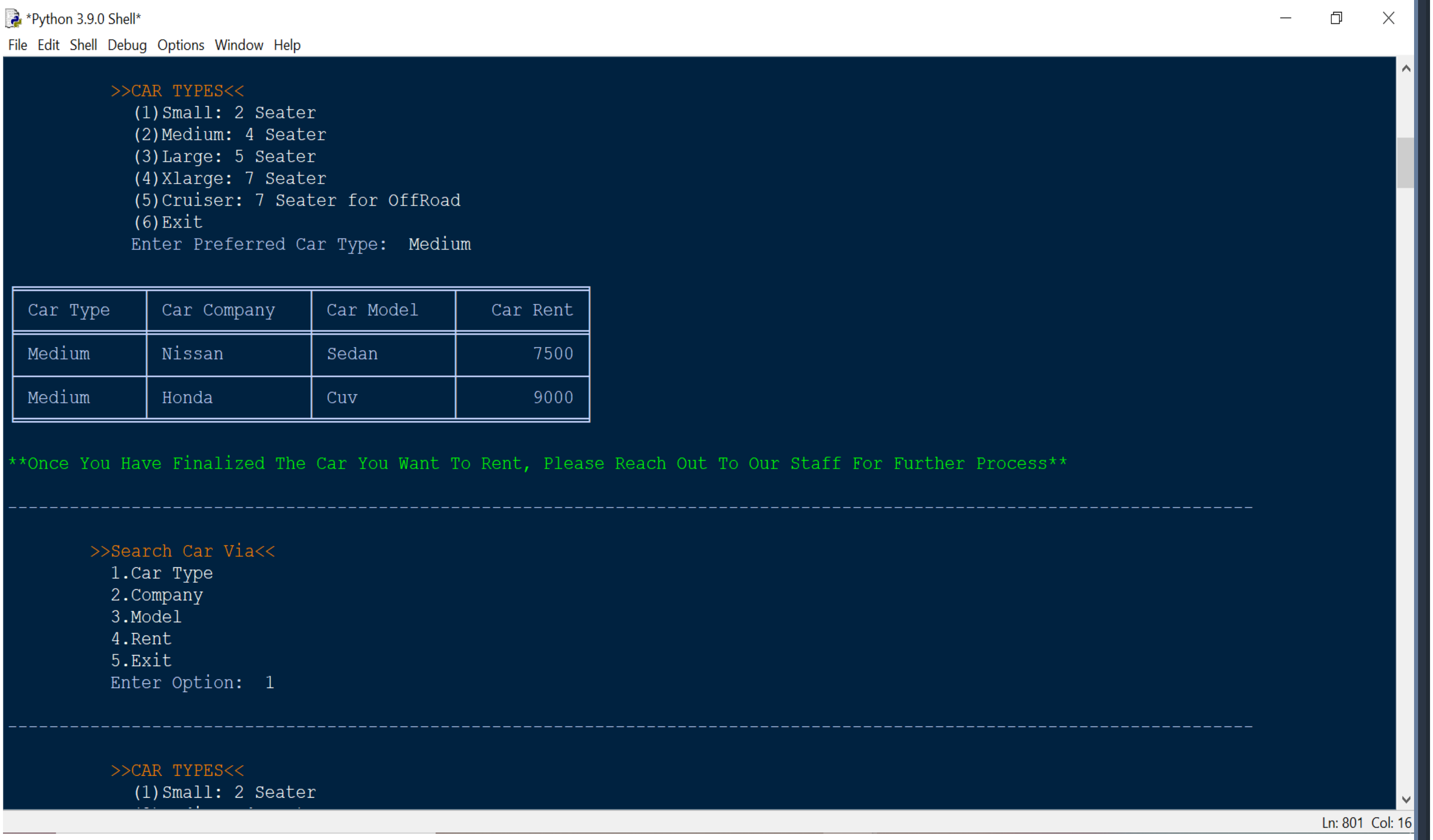
(The content in the Tables containing Car and Customer details)



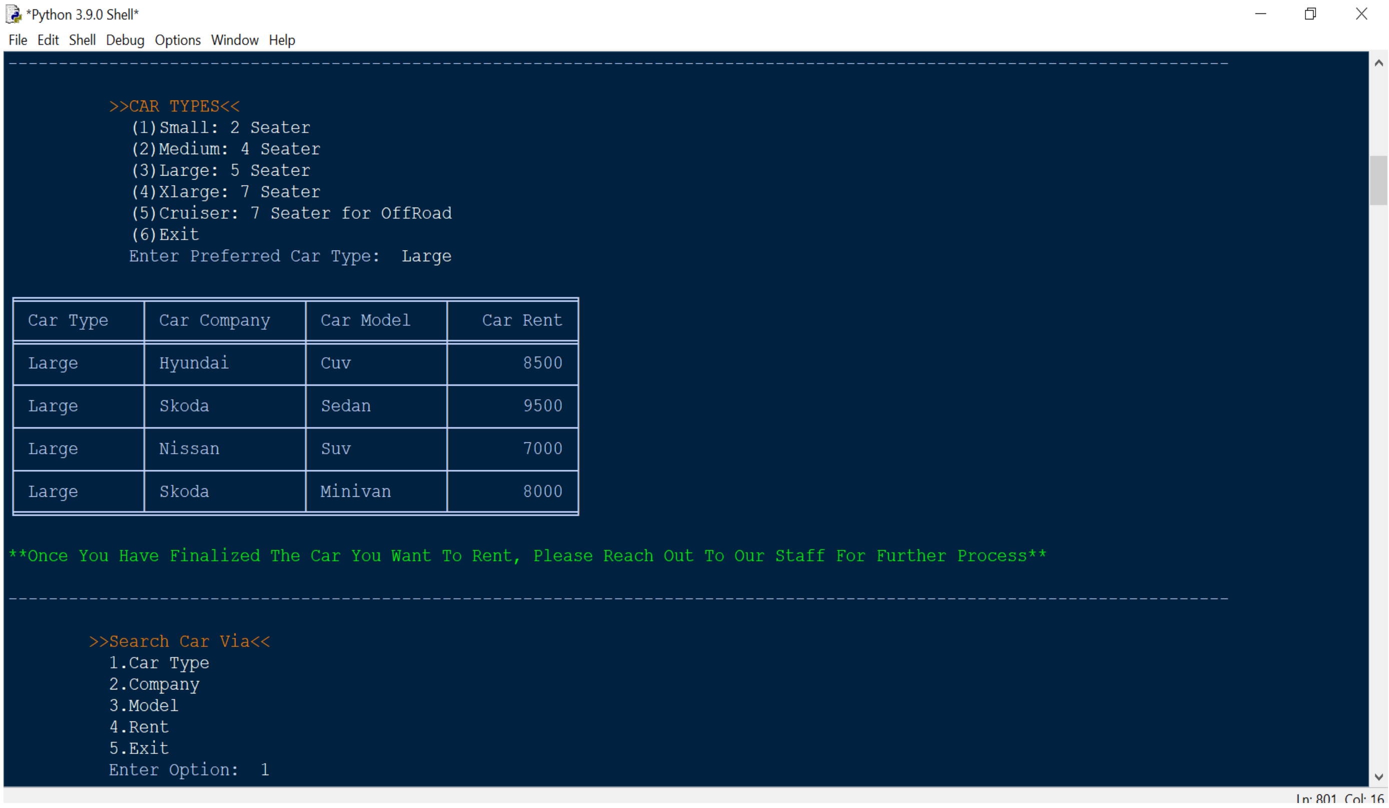
```

                              MERHABA! WELCOME TO METALLICA CAR RENTAL



Please Select Your Role:
1.Customer
2.Staff Member
3.Exit

Enter Option :  1

-----------------------------------------------------------------------------------------


 >>>CUSTOMER<<<

        1.Search A Car
        2.Update Your Details
        3.Exit
        Enter Option:  1

-----------------------------------------------------------------------------------------


        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  1

-----------------------------------------------------------------------------------------
```



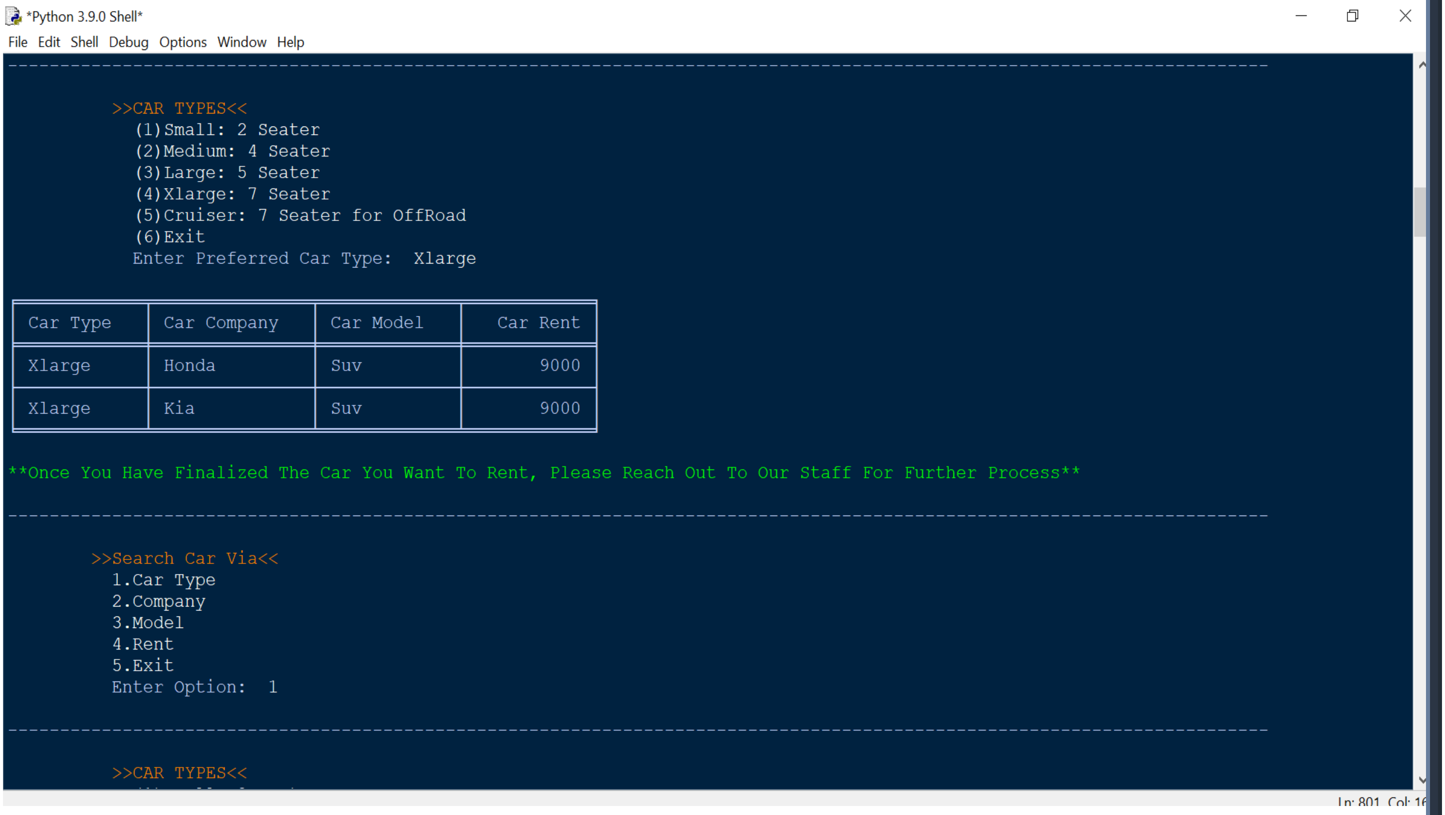
```
          >>CAR TYPES<<
            (1)Small: 2 Seater
            (2)Medium: 4 Seater
            (3)Large: 5 Seater
            (4)Xlarge: 7 Seater
            (5)Cruiser: 7 Seater for OffRoad
            (6)Exit
            Enter Preferred Car Type:  Small

 ╔════════════╦═══════════════╦═════════════╦════════════╗
 ║ Car Type   ║ Car Company   ║ Car Model   ║   Car Rent ║
 ╠════════════╬═══════════════╬═════════════╬════════════╣
 ║ Small      ║ Toyota        ║ Micro       ║       4000 ║
 ╠════════════╬═══════════════╬═════════════╬════════════╣
 ║ Small      ║ Honda         ║ Micro       ║       7000 ║
 ╚════════════╩═══════════════╩═════════════╩════════════╝

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  1

------------------------------------------------------------------------------------------------------------------------

          >>CAR TYPES<<
            (1)Small: 2 Seater
            (2)Medium: 4 Seater
```



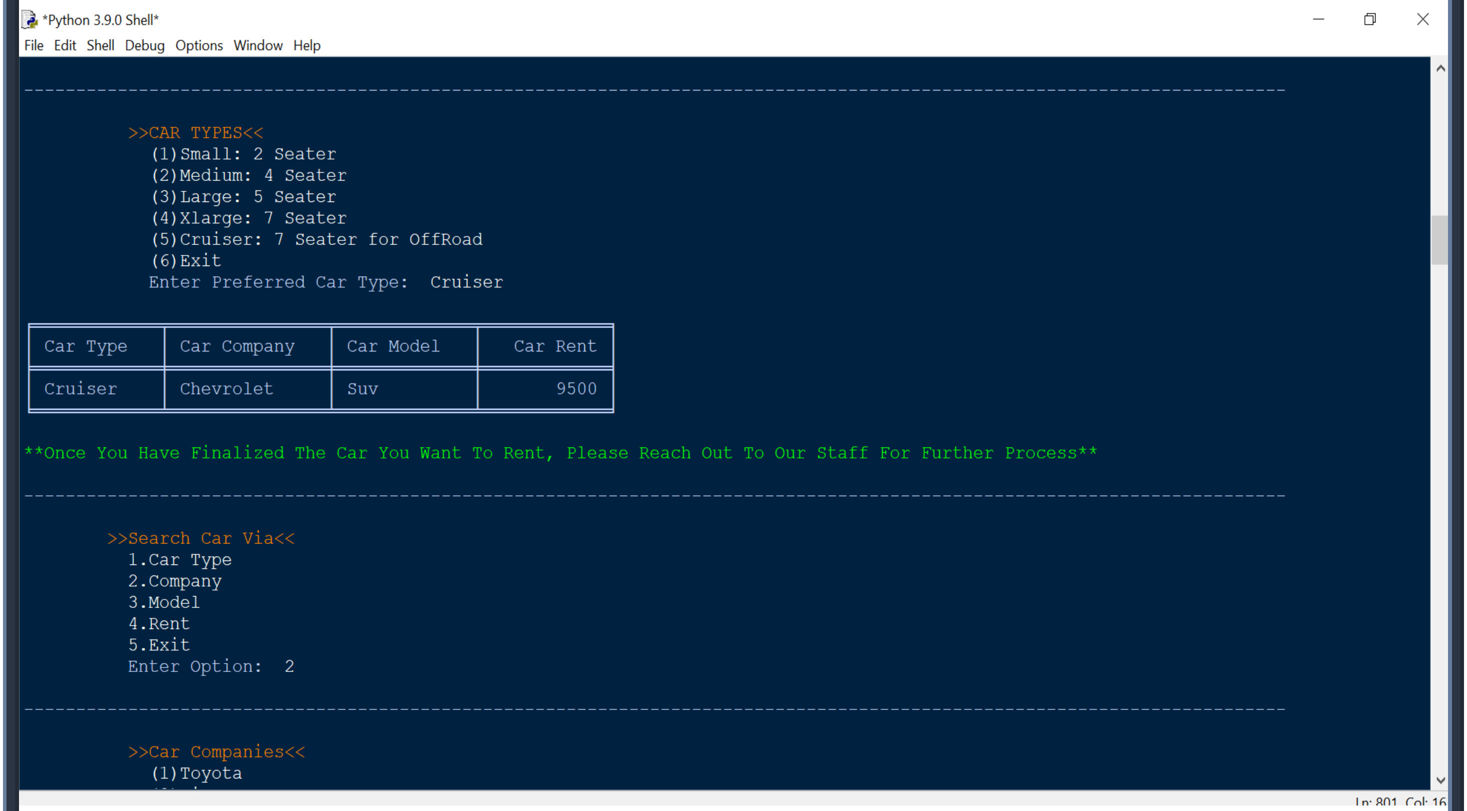
```
          >>CAR TYPES<<
            (1)Small: 2 Seater
            (2)Medium: 4 Seater
            (3)Large: 5 Seater
            (4)Xlarge: 7 Seater
            (5)Cruiser: 7 Seater for OffRoad
            (6)Exit
            Enter Preferred Car Type:  Medium

 ╔════════════╦═══════════════╦═════════════╦════════════╗
 ║ Car Type   ║ Car Company   ║ Car Model   ║   Car Rent ║
 ╠════════════╬═══════════════╬═════════════╬════════════╣
 ║ Medium     ║ Nissan        ║ Sedan       ║       7500 ║
 ╠════════════╬═══════════════╬═════════════╬════════════╣
 ║ Medium     ║ Honda         ║ Cuv         ║       9000 ║
 ╚════════════╩═══════════════╩═════════════╩════════════╝

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  1

------------------------------------------------------------------------------------------------------------------------

          >>CAR TYPES<<
            (1)Small: 2 Seater
```



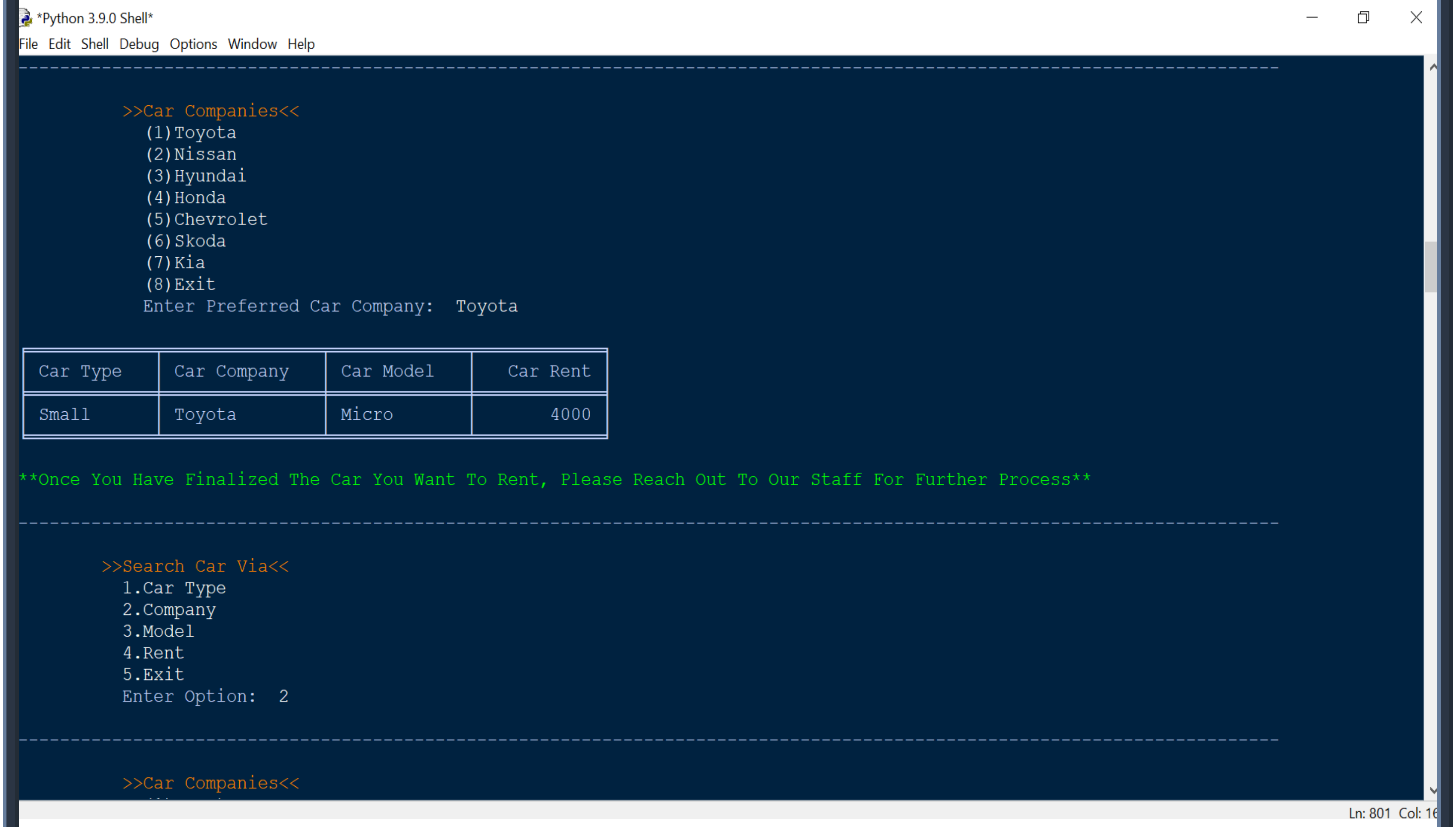
```
--------------------------------------------------------------------------------------------------------------------------

          >>CAR TYPES<<
            (1)Small: 2 Seater
            (2)Medium: 4 Seater
            (3)Large: 5 Seater
            (4)Xlarge: 7 Seater
            (5)Cruiser: 7 Seater for OffRoad
            (6)Exit
            Enter Preferred Car Type:  Large

 | Car Type  | Car Company   | Car Model    |   Car Rent |
 | Large     | Hyundai       | Cuv          |       8500 |
 | Large     | Skoda         | Sedan        |       9500 |
 | Large     | Nissan        | Suv          |       7000 |
 | Large     | Skoda         | Minivan      |       8000 |

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

--------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  1
```



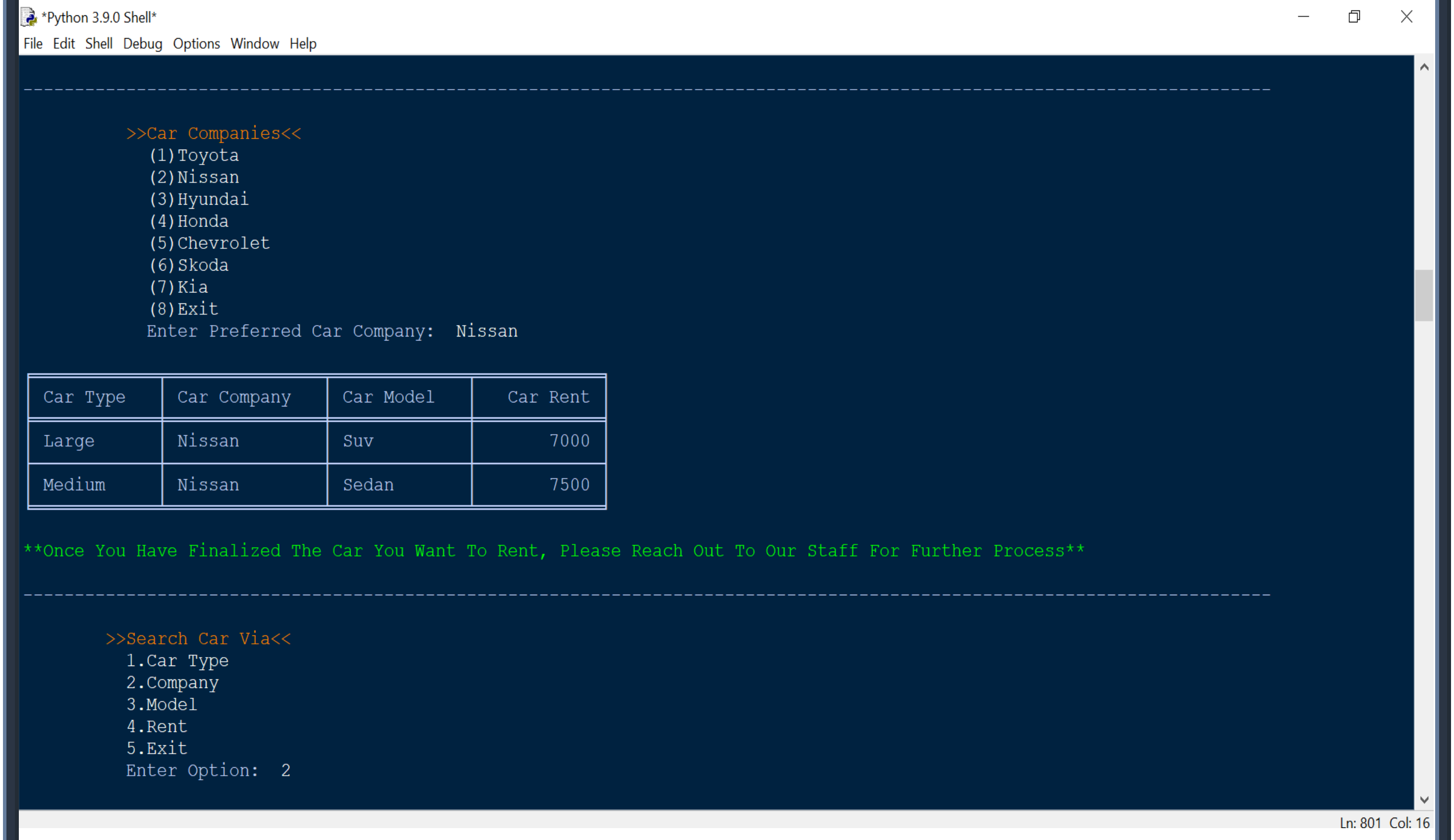
```
--------------------------------------------------------------------------------------------------------------------------

          >>CAR TYPES<<
            (1)Small: 2 Seater
            (2)Medium: 4 Seater
            (3)Large: 5 Seater
            (4)Xlarge: 7 Seater
            (5)Cruiser: 7 Seater for OffRoad
            (6)Exit
            Enter Preferred Car Type:  Xlarge

 | Car Type  | Car Company   | Car Model    |   Car Rent |
 | Xlarge    | Honda         | Suv          |       9000 |
 | Xlarge    | Kia           | Suv          |       9000 |

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

--------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  1

--------------------------------------------------------------------------------------------------------------------------

          >>CAR TYPES<<
```



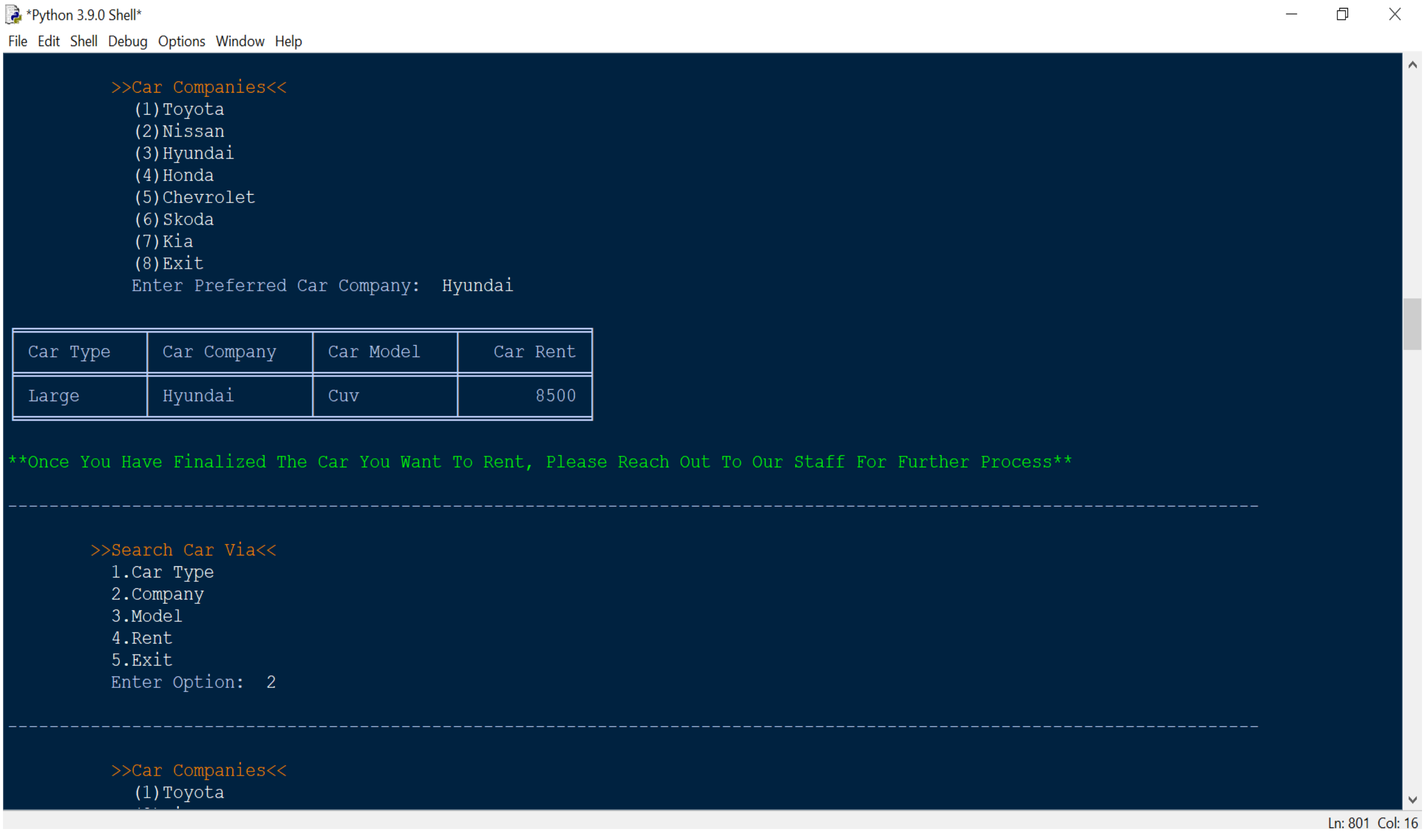
```
-------------------------------------------------------------------------------------------------------------------------

          >>CAR TYPES<<
            (1)Small: 2 Seater
            (2)Medium: 4 Seater
            (3)Large: 5 Seater
            (4)Xlarge: 7 Seater
            (5)Cruiser: 7 Seater for OffRoad
            (6)Exit
            Enter Preferred Car Type:  Cruiser

| Car Type  | Car Company     | Car Model     |   Car Rent |
| Cruiser   | Chevrolet       | Suv           |       9500 |

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2

-------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
```



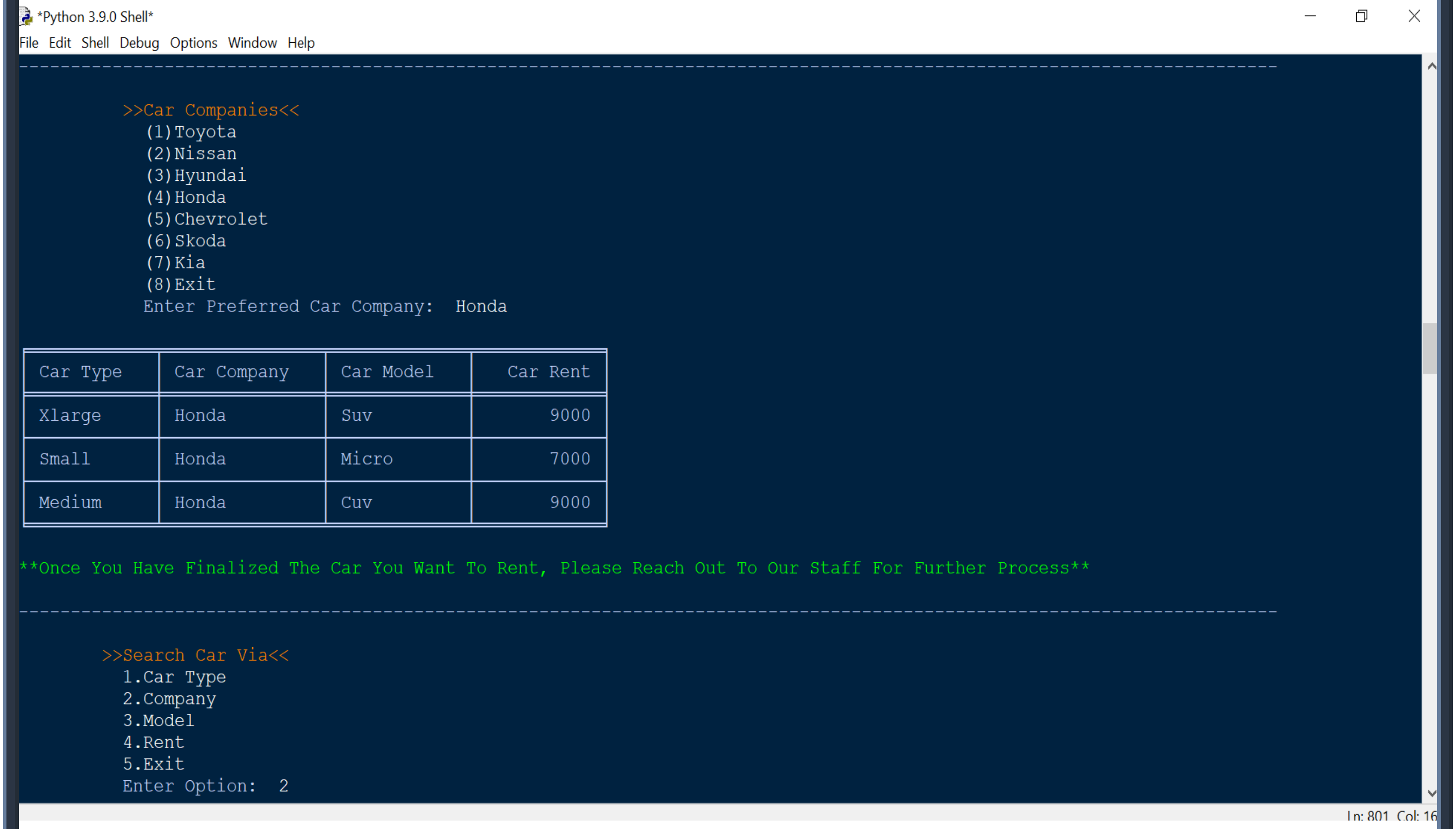
```
-------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  Toyota

| Car Type  | Car Company     | Car Model     |   Car Rent |
| Small     | Toyota          | Micro         |       4000 |

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2

-------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
```



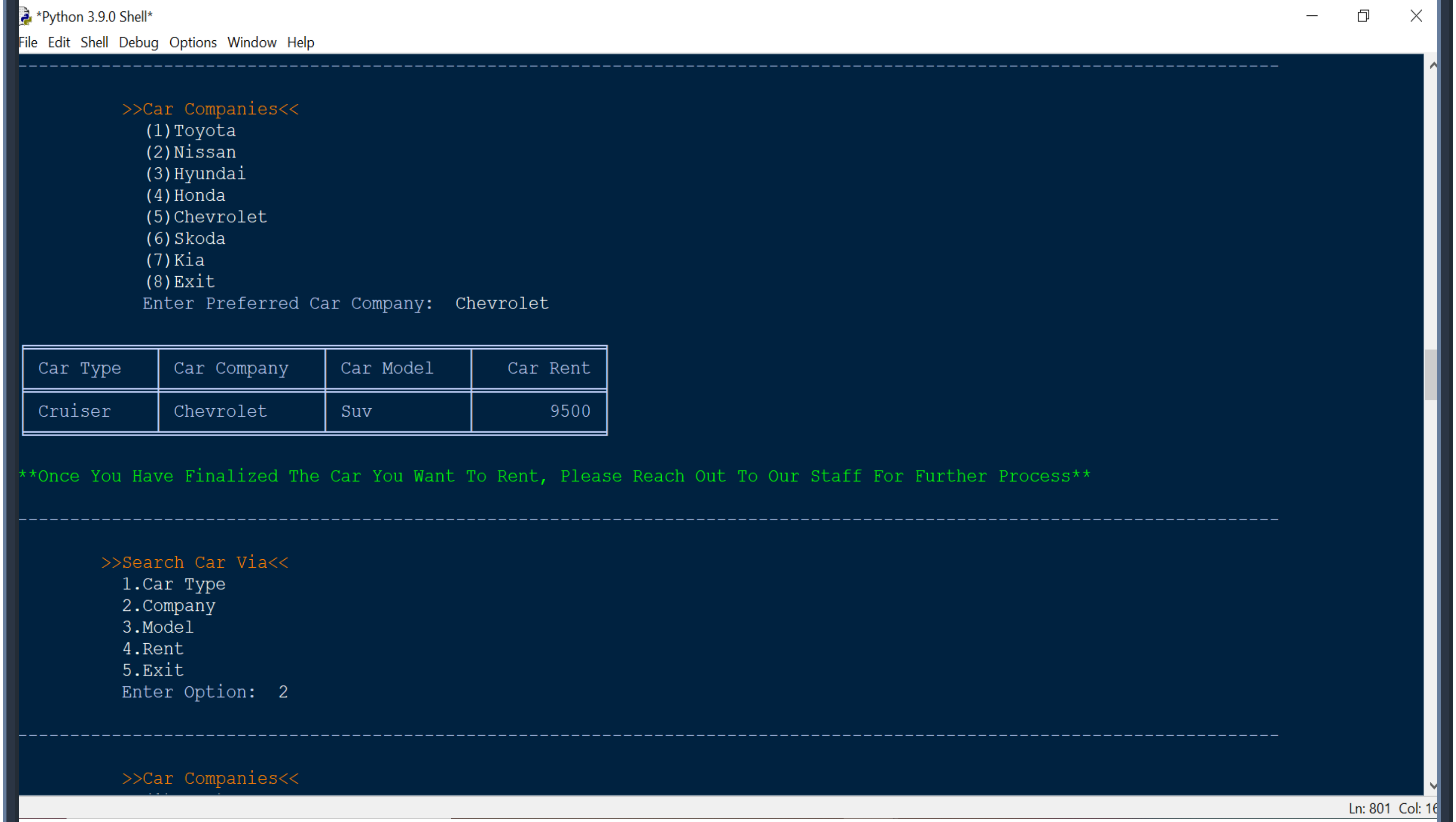
```
--------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  Nissan

| Car Type   | Car Company     | Car Model     |   Car Rent |
| Large      | Nissan          | Suv           |       7000 |
| Medium     | Nissan          | Sedan         |       7500 |

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

--------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2
```



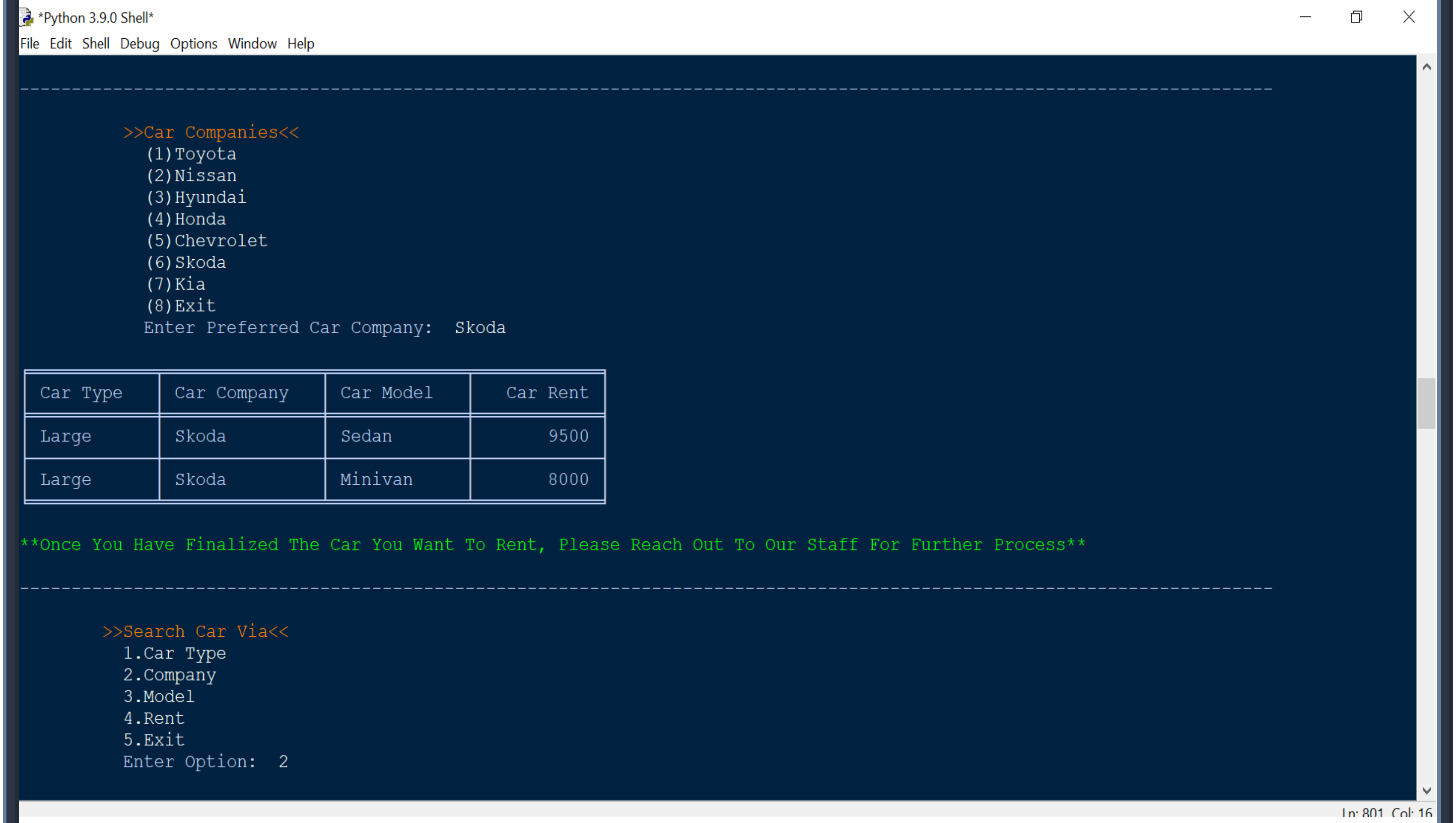
```
          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  Hyundai

| Car Type   | Car Company     | Car Model     |   Car Rent |
| Large      | Hyundai         | Cuv           |       8500 |

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

--------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2

--------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
```



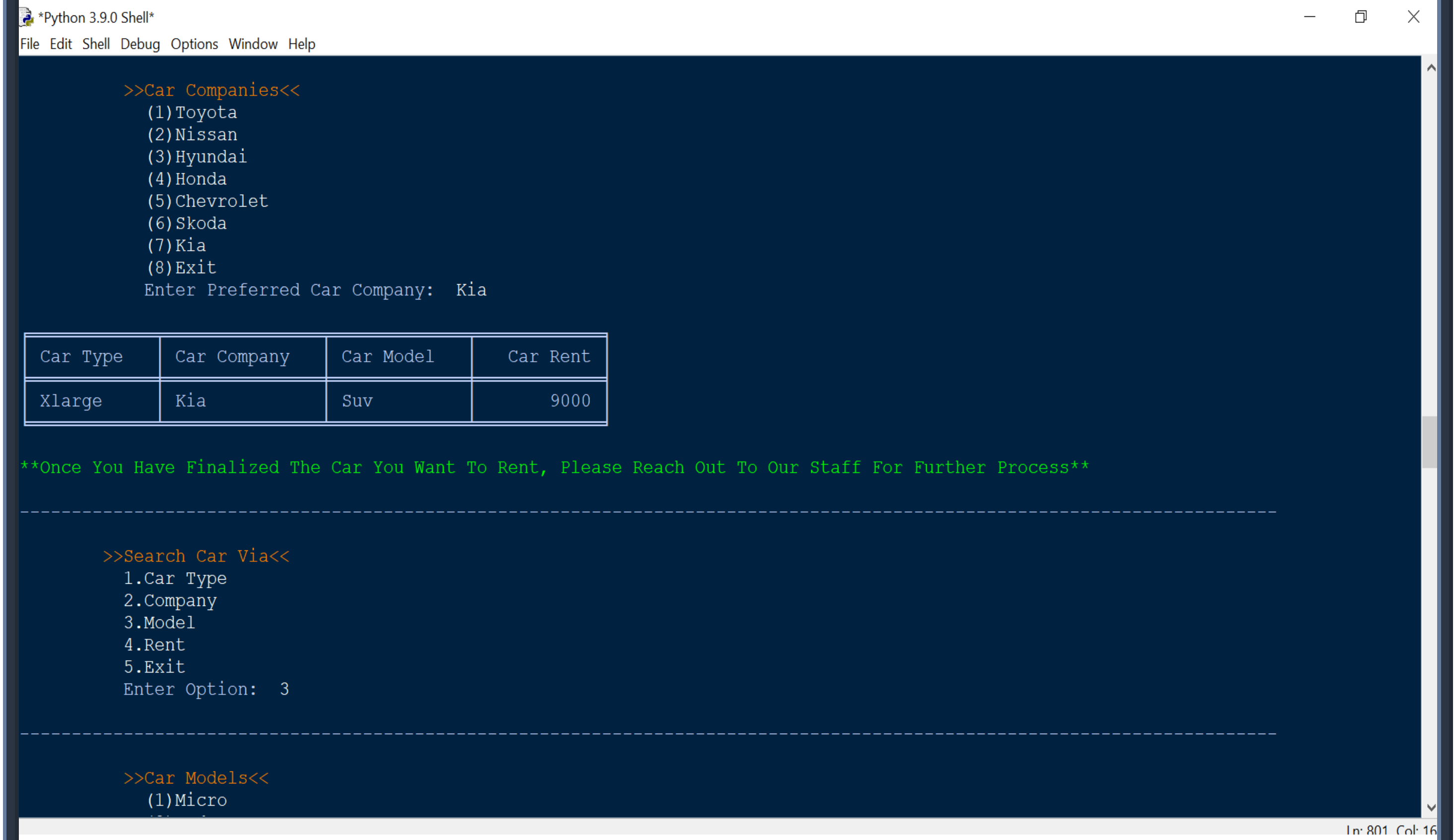
```
------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  Honda

╒════════════╤═══════════════╤═════════════╤════════════╕
│ Car Type   │ Car Company   │ Car Model   │   Car Rent │
├────────────┼───────────────┼─────────────┼────────────┤
│ Xlarge     │ Honda         │ Suv         │       9000 │
├────────────┼───────────────┼─────────────┼────────────┤
│ Small      │ Honda         │ Micro       │       7000 │
├────────────┼───────────────┼─────────────┼────────────┤
│ Medium     │ Honda         │ Cuv         │       9000 │
╘════════════╧═══════════════╧═════════════╧════════════╛

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2
```



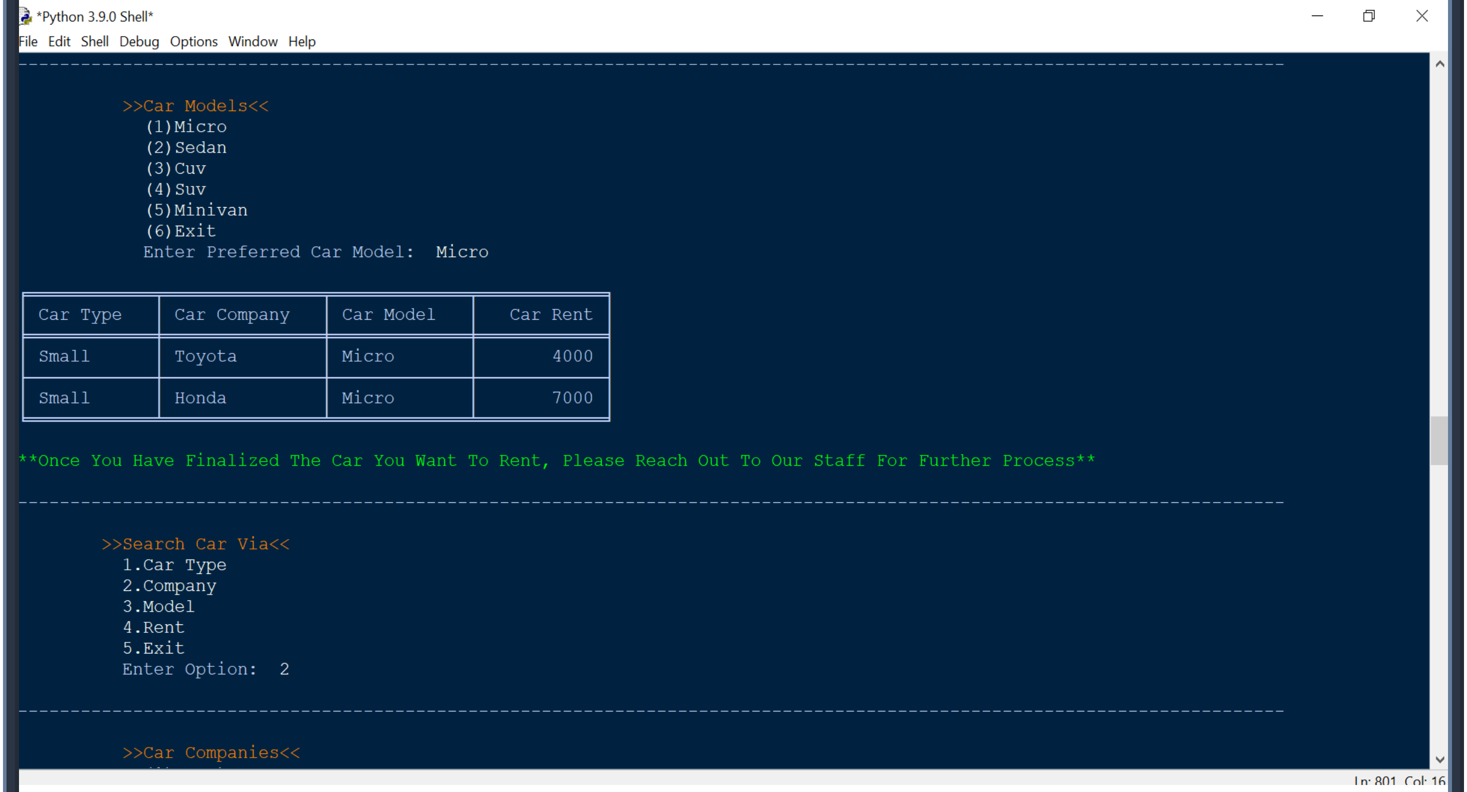
```
------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  Chevrolet

╒════════════╤═══════════════╤═════════════╤════════════╕
│ Car Type   │ Car Company   │ Car Model   │   Car Rent │
├────────────┼───────────────┼─────────────┼────────────┤
│ Cruiser    │ Chevrolet     │ Suv         │       9500 │
╘════════════╧═══════════════╧═════════════╧════════════╛

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2

------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
```



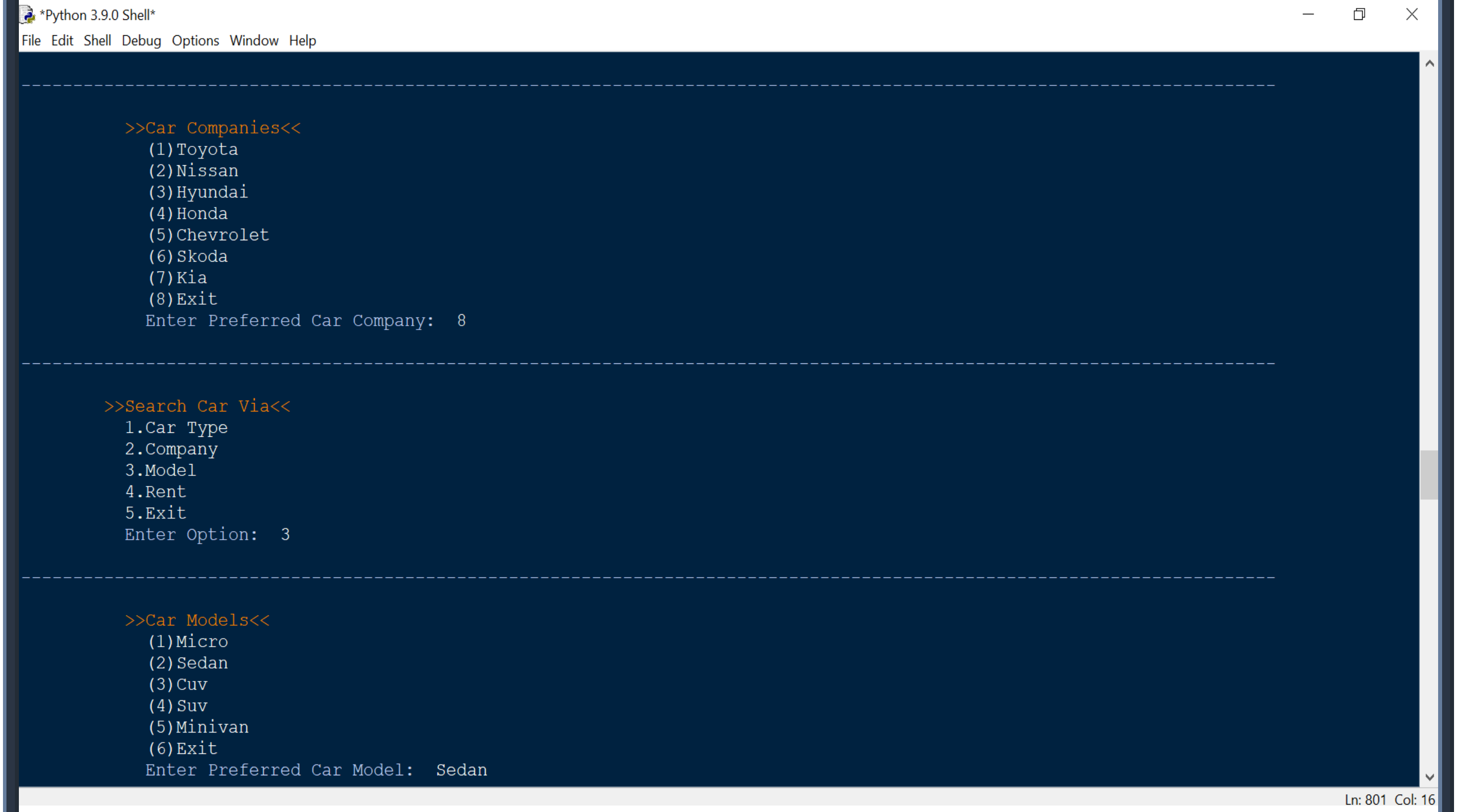
```
------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  Skoda

╒════════════╤════════════════╤═════════════╤════════════╕
│ Car Type   │ Car Company    │ Car Model   │   Car Rent │
╞════════════╪════════════════╪═════════════╪════════════╡
│ Large      │ Skoda          │ Sedan       │       9500 │
├────────────┼────────────────┼─────────────┼────────────┤
│ Large      │ Skoda          │ Minivan     │       8000 │
╘════════════╧════════════════╧═════════════╧════════════╛

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2
```



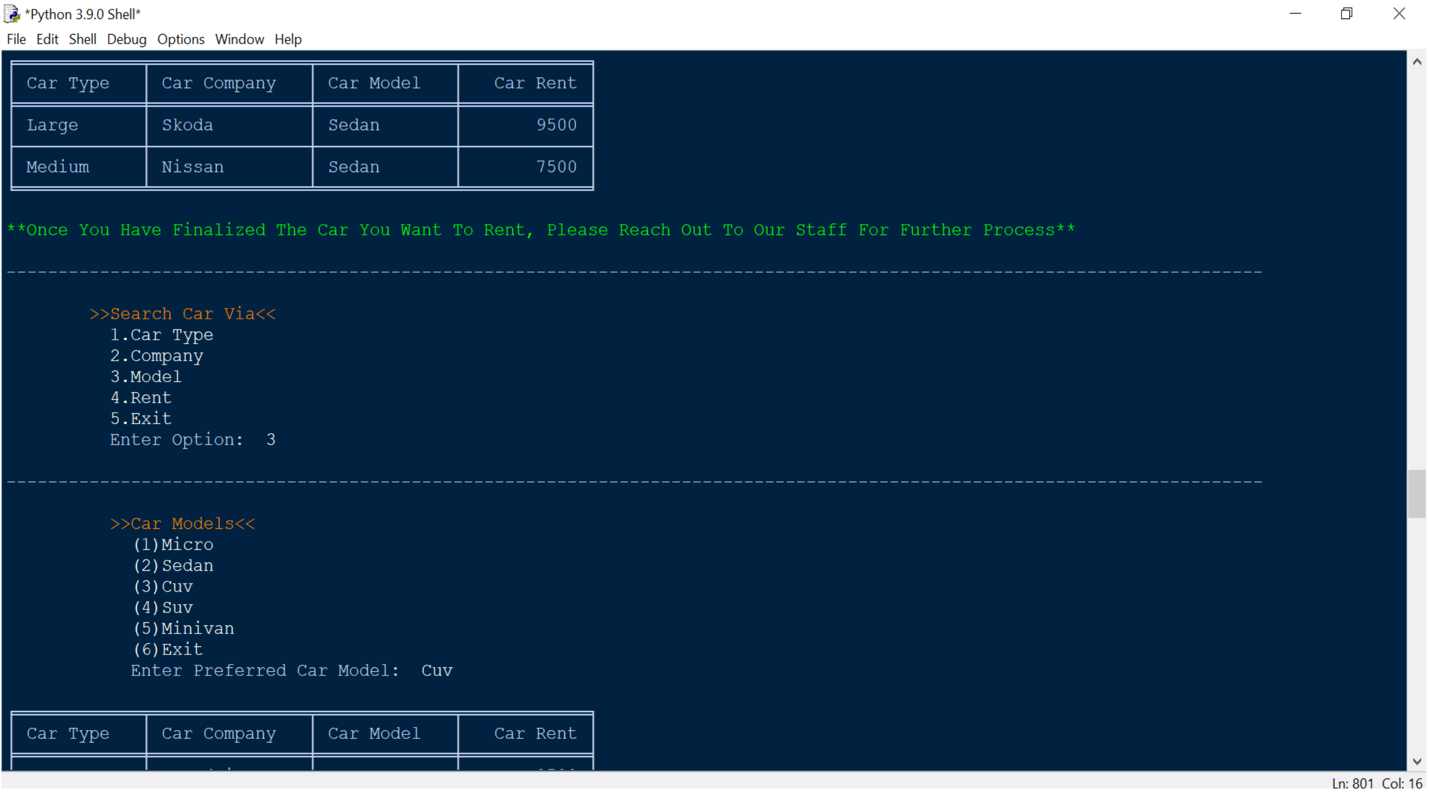
```
          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  Kia

╒════════════╤════════════════╤═════════════╤════════════╕
│ Car Type   │ Car Company    │ Car Model   │   Car Rent │
╞════════════╪════════════════╪═════════════╪════════════╡
│ Xlarge     │ Kia            │ Suv         │       9000 │
╘════════════╧════════════════╧═════════════╧════════════╛

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  3

------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
            (1)Micro
```



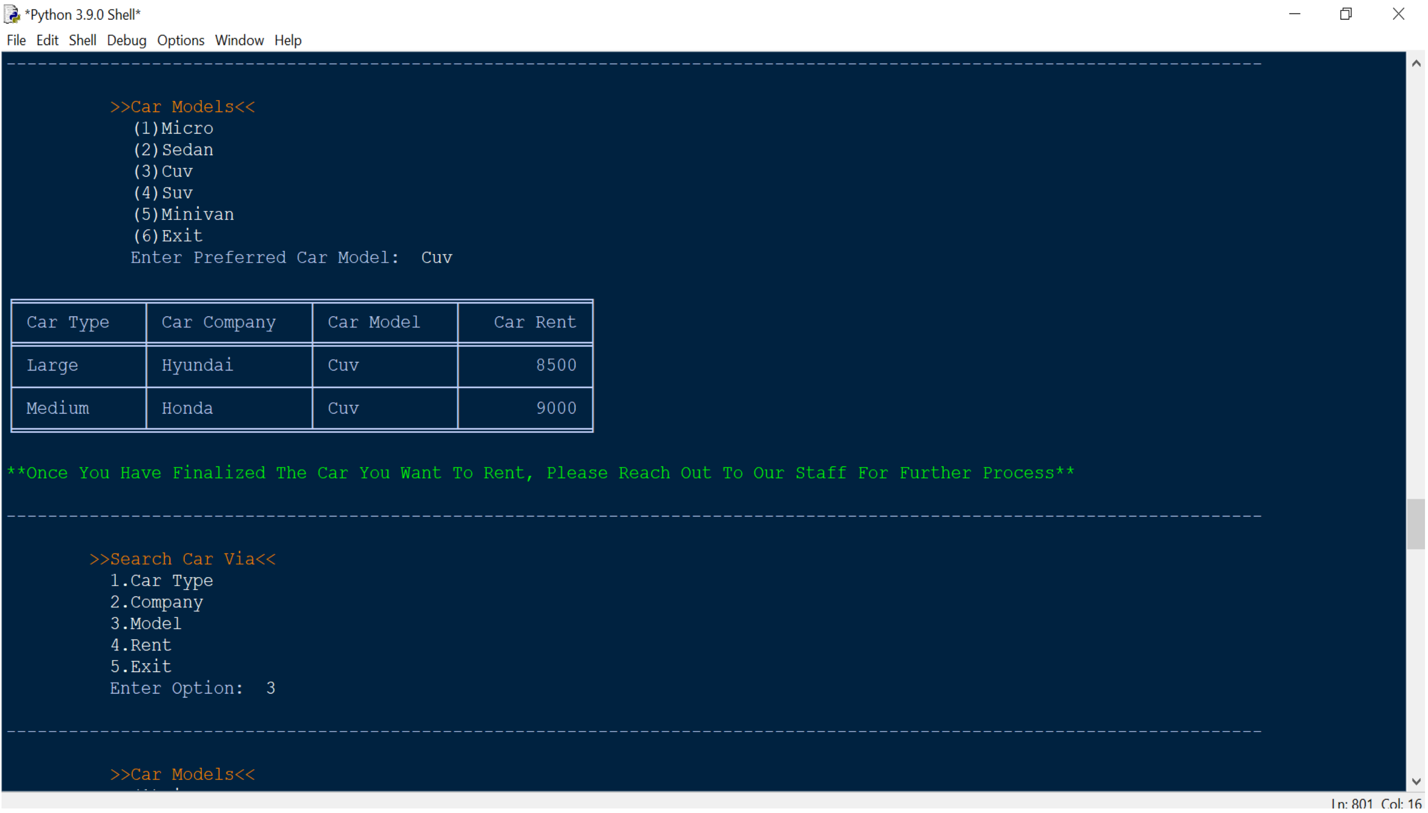
```
-------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
            (1)Micro
            (2)Sedan
            (3)Cuv
            (4)Suv
            (5)Minivan
            (6)Exit
            Enter Preferred Car Model:  Micro

+------------+----------------+--------------+------------+
| Car Type   | Car Company    | Car Model    |   Car Rent |
+------------+----------------+--------------+------------+
| Small      | Toyota         | Micro        |       4000 |
+------------+----------------+--------------+------------+
| Small      | Honda          | Micro        |       7000 |
+------------+----------------+--------------+------------+

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  2

-------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
```



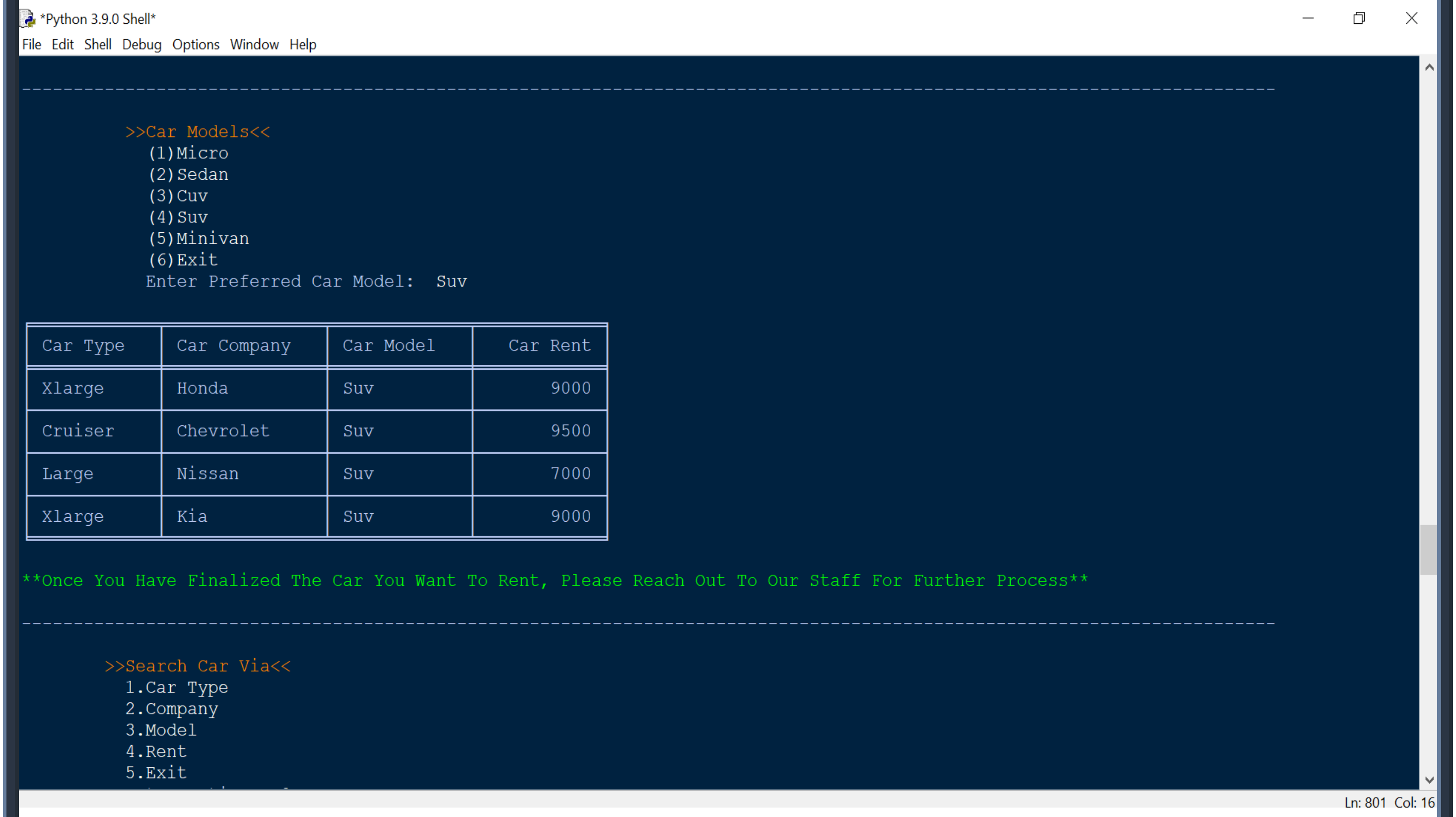
```
-------------------------------------------------------------------------------------------------------------------------

          >>Car Companies<<
            (1)Toyota
            (2)Nissan
            (3)Hyundai
            (4)Honda
            (5)Chevrolet
            (6)Skoda
            (7)Kia
            (8)Exit
            Enter Preferred Car Company:  8

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  3

-------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
            (1)Micro
            (2)Sedan
            (3)Cuv
            (4)Suv
            (5)Minivan
            (6)Exit
            Enter Preferred Car Model:  Sedan
```



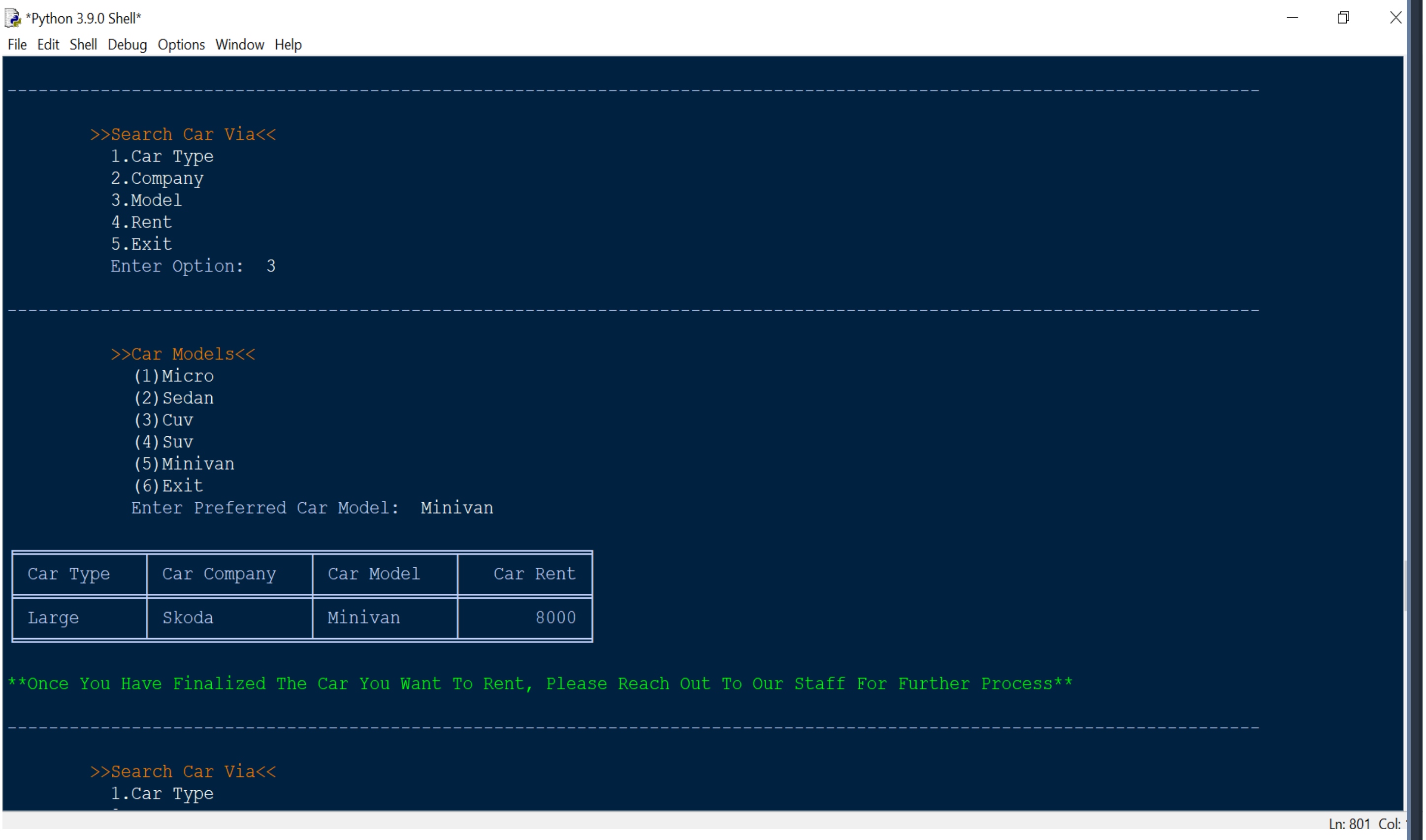
```
+-------------+----------------+--------------+------------+
| Car Type    | Car Company    | Car Model    |   Car Rent |
+-------------+----------------+--------------+------------+
| Large       | Skoda          | Sedan        |       9500 |
+-------------+----------------+--------------+------------+
| Medium      | Nissan         | Sedan        |       7500 |
+-------------+----------------+--------------+------------+

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  3

-------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
            (1)Micro
            (2)Sedan
            (3)Cuv
            (4)Suv
            (5)Minivan
            (6)Exit
            Enter Preferred Car Model:  Cuv

+-------------+----------------+--------------+------------+
| Car Type    | Car Company    | Car Model    |   Car Rent |
+-------------+----------------+--------------+------------+
```



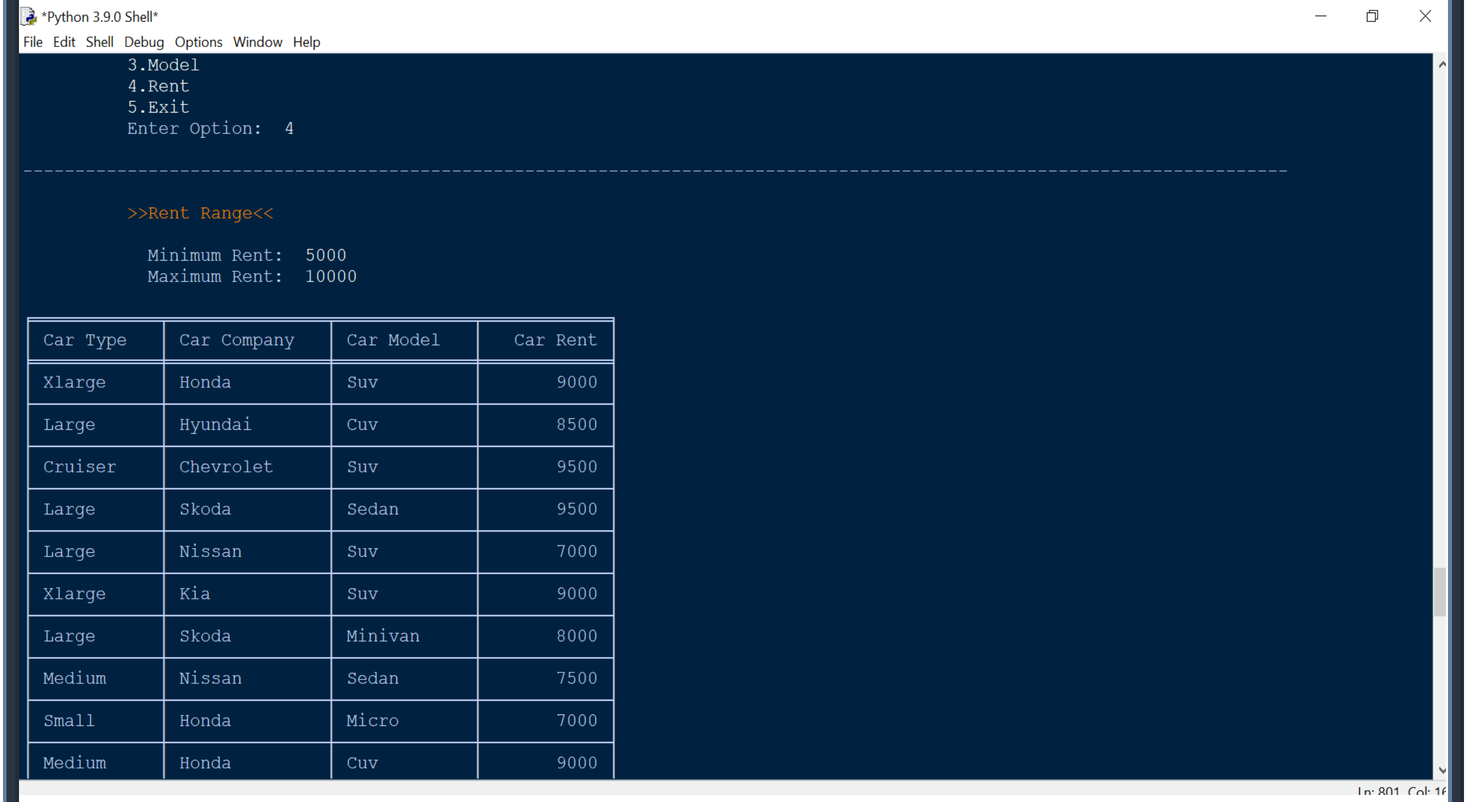
```
-------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
            (1)Micro
            (2)Sedan
            (3)Cuv
            (4)Suv
            (5)Minivan
            (6)Exit
            Enter Preferred Car Model:  Cuv

+-------------+----------------+--------------+------------+
| Car Type    | Car Company    | Car Model    |   Car Rent |
+-------------+----------------+--------------+------------+
| Large       | Hyundai        | Cuv          |       8500 |
+-------------+----------------+--------------+------------+
| Medium      | Honda          | Cuv          |       9000 |
+-------------+----------------+--------------+------------+

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  3

-------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
```



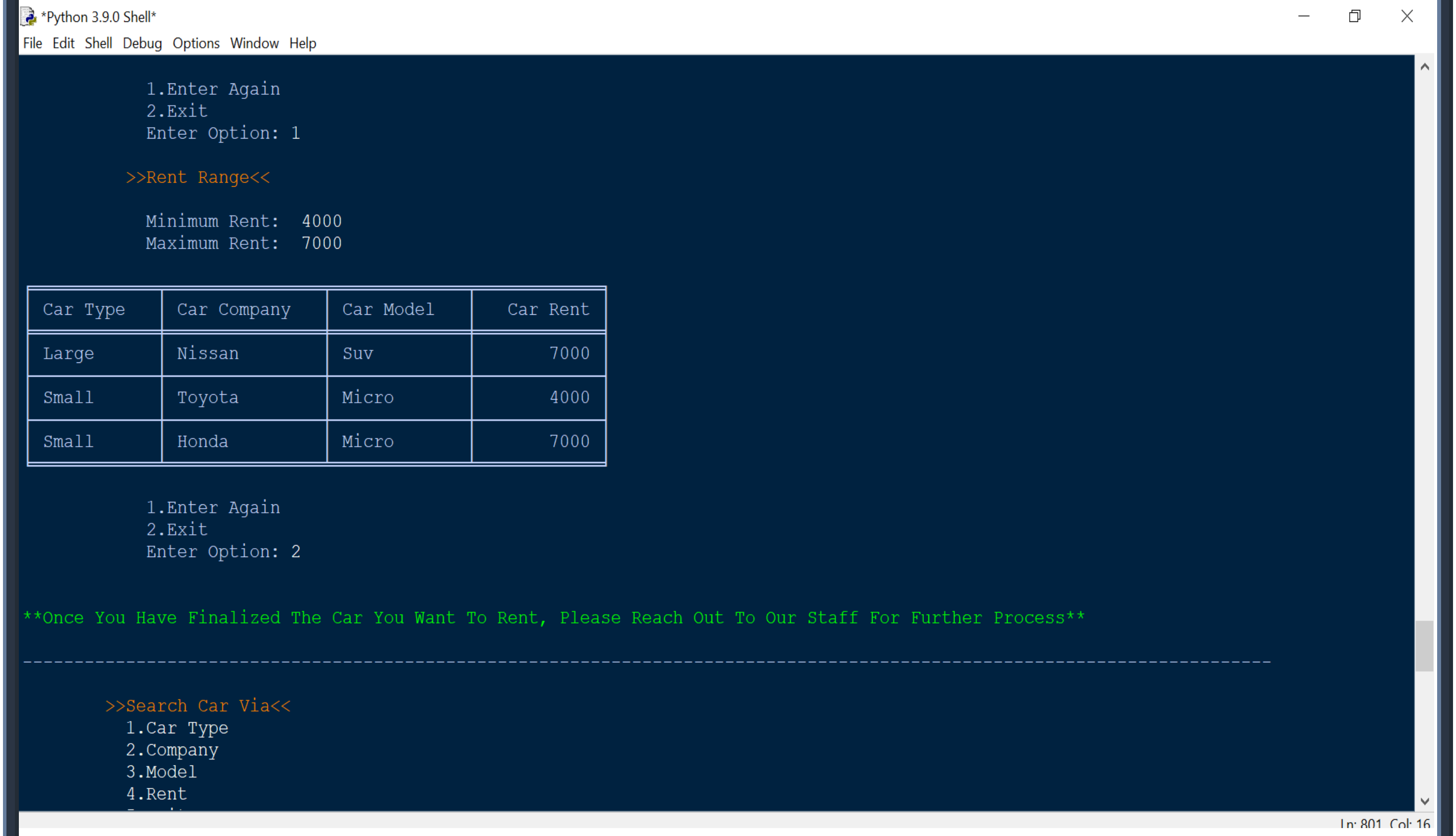
```
-------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
            (1)Micro
            (2)Sedan
            (3)Cuv
            (4)Suv
            (5)Minivan
            (6)Exit
            Enter Preferred Car Model:  Suv

 ╔════════════╦════════════════╦═════════════╦════════════╗
 ║ Car Type   ║ Car Company    ║ Car Model   ║   Car Rent ║
 ╠════════════╬════════════════╬═════════════╬════════════╣
 ║ Xlarge     ║ Honda          ║ Suv         ║       9000 ║
 ╠════════════╬════════════════╬═════════════╬════════════╣
 ║ Cruiser    ║ Chevrolet      ║ Suv         ║       9500 ║
 ╠════════════╬════════════════╬═════════════╬════════════╣
 ║ Large      ║ Nissan         ║ Suv         ║       7000 ║
 ╠════════════╬════════════════╬═════════════╬════════════╣
 ║ Xlarge     ║ Kia            ║ Suv         ║       9000 ║
 ╚════════════╩════════════════╩═════════════╩════════════╝

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
```



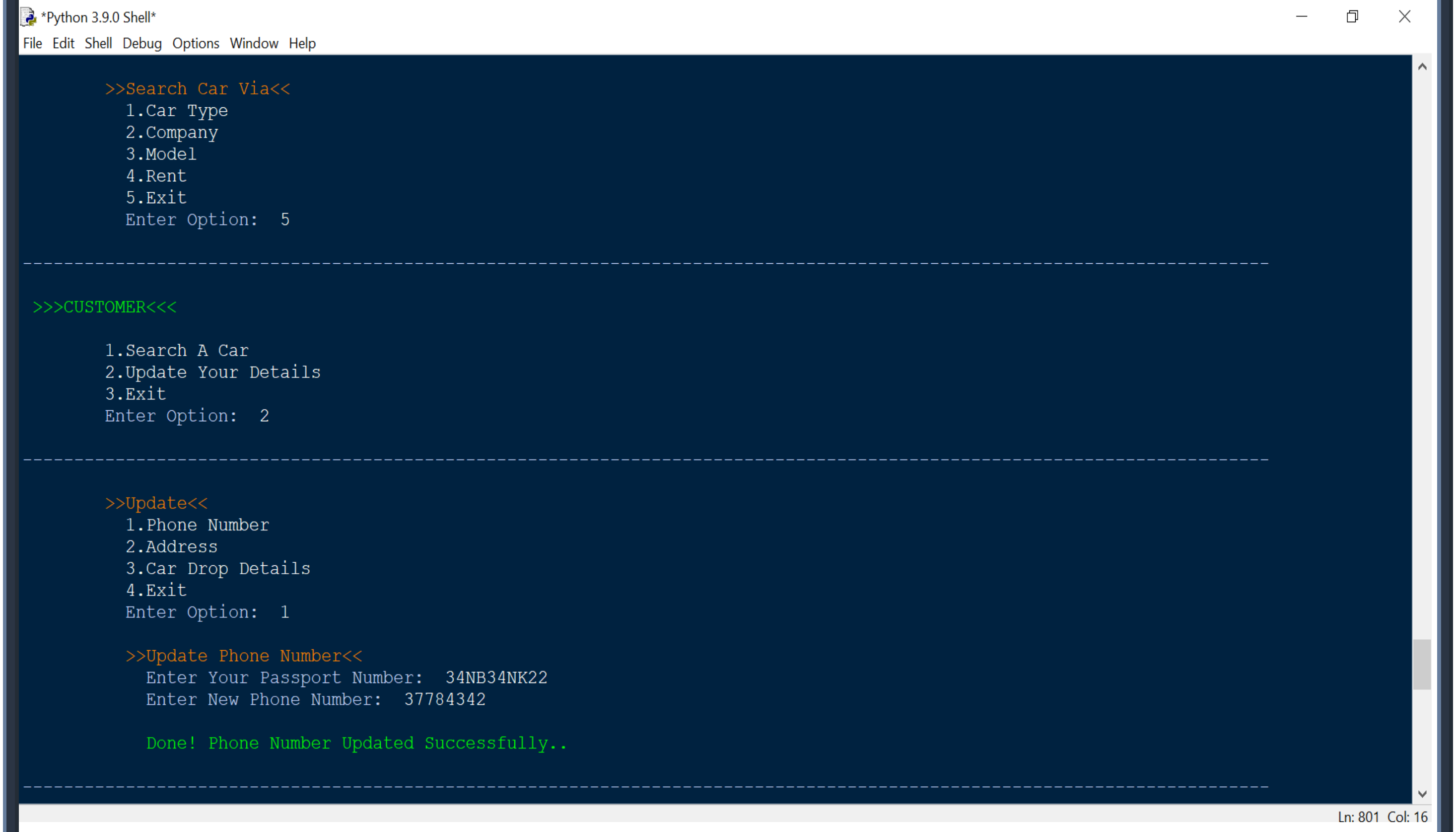
```
-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  3

-------------------------------------------------------------------------------------------------------------------------

          >>Car Models<<
            (1)Micro
            (2)Sedan
            (3)Cuv
            (4)Suv
            (5)Minivan
            (6)Exit
            Enter Preferred Car Model:  Minivan

 ╔════════════╦════════════════╦═════════════╦════════════╗
 ║ Car Type   ║ Car Company    ║ Car Model   ║   Car Rent ║
 ╠════════════╬════════════════╬═════════════╬════════════╣
 ║ Large      ║ Skoda          ║ Minivan     ║       8000 ║
 ╚════════════╩════════════════╩═════════════╩════════════╝

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
```



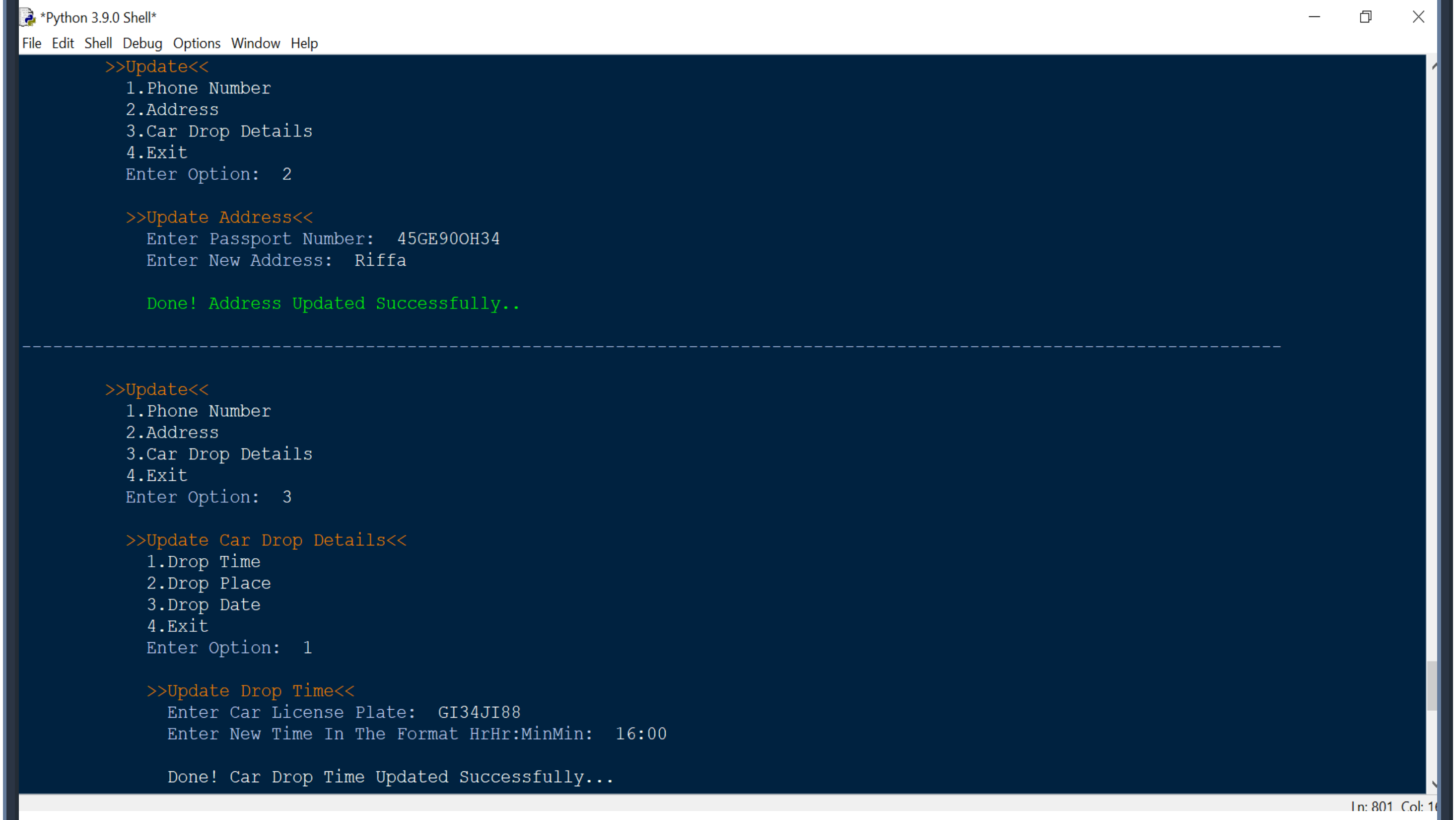
```
          3.Model
          4.Rent
          5.Exit
          Enter Option:  4

-------------------------------------------------------------------------------------------------------------------------

          >>Rent Range<<

            Minimum Rent:  5000
            Maximum Rent:  10000

  Car Type     Car Company     Car Model      Car Rent

  Xlarge       Honda           Suv                9000

  Large        Hyundai         Cuv                8500

  Cruiser      Chevrolet       Suv                9500

  Large        Skoda           Sedan              9500

  Large        Nissan          Suv                7000

  Xlarge       Kia             Suv                9000

  Large        Skoda           Minivan            8000

  Medium       Nissan          Sedan              7500

  Small        Honda           Micro              7000

  Medium       Honda           Cuv                9000
```



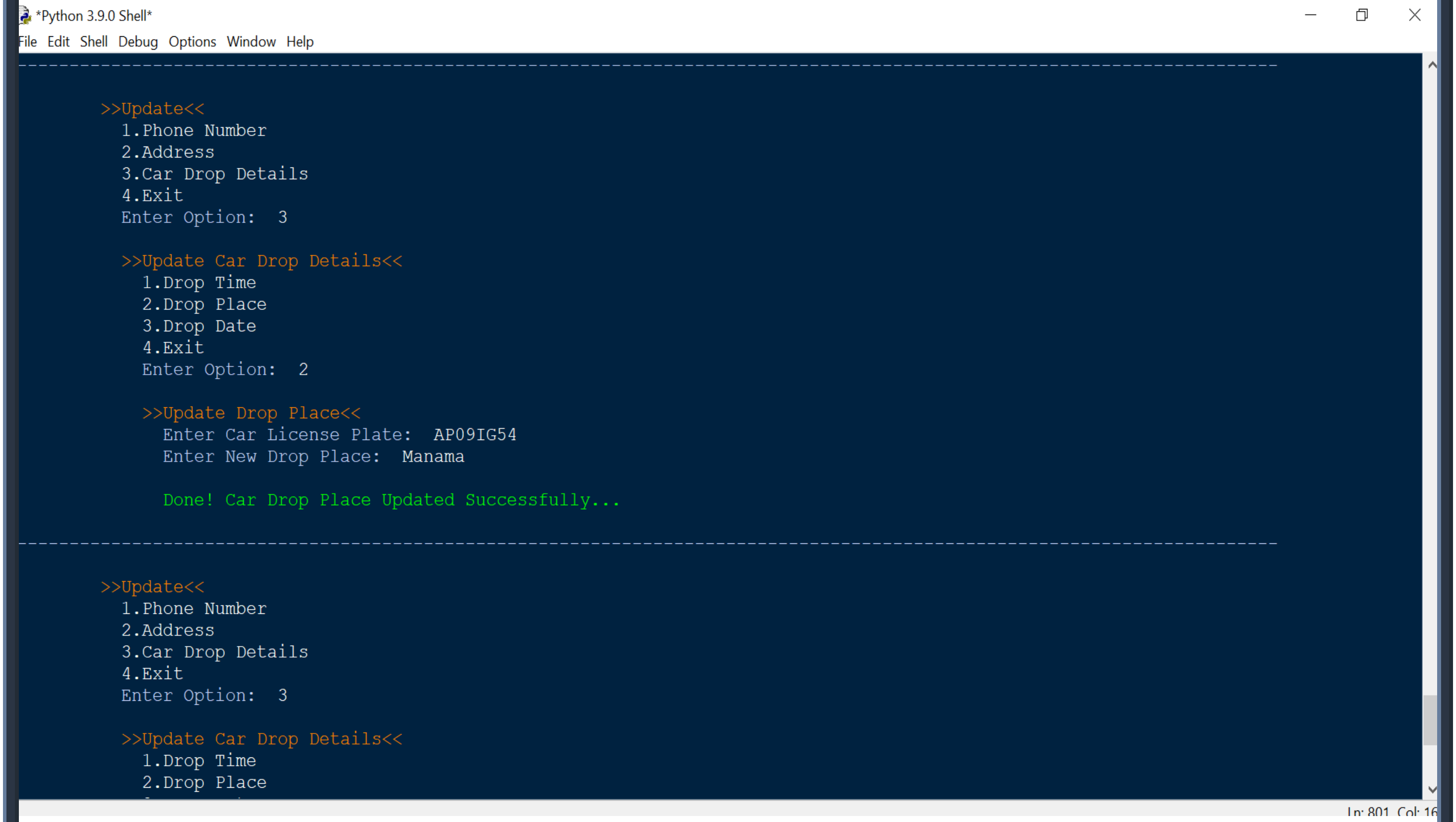
```
            1.Enter Again
            2.Exit
            Enter Option: 1

          >>Rent Range<<

            Minimum Rent:  4000
            Maximum Rent:  7000

  Car Type     Car Company     Car Model      Car Rent

  Large        Nissan          Suv                7000

  Small        Toyota          Micro              4000

  Small        Honda           Micro              7000

            1.Enter Again
            2.Exit
            Enter Option: 2

**Once You Have Finalized The Car You Want To Rent, Please Reach Out To Our Staff For Further Process**

-------------------------------------------------------------------------------------------------------------------------

        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
```



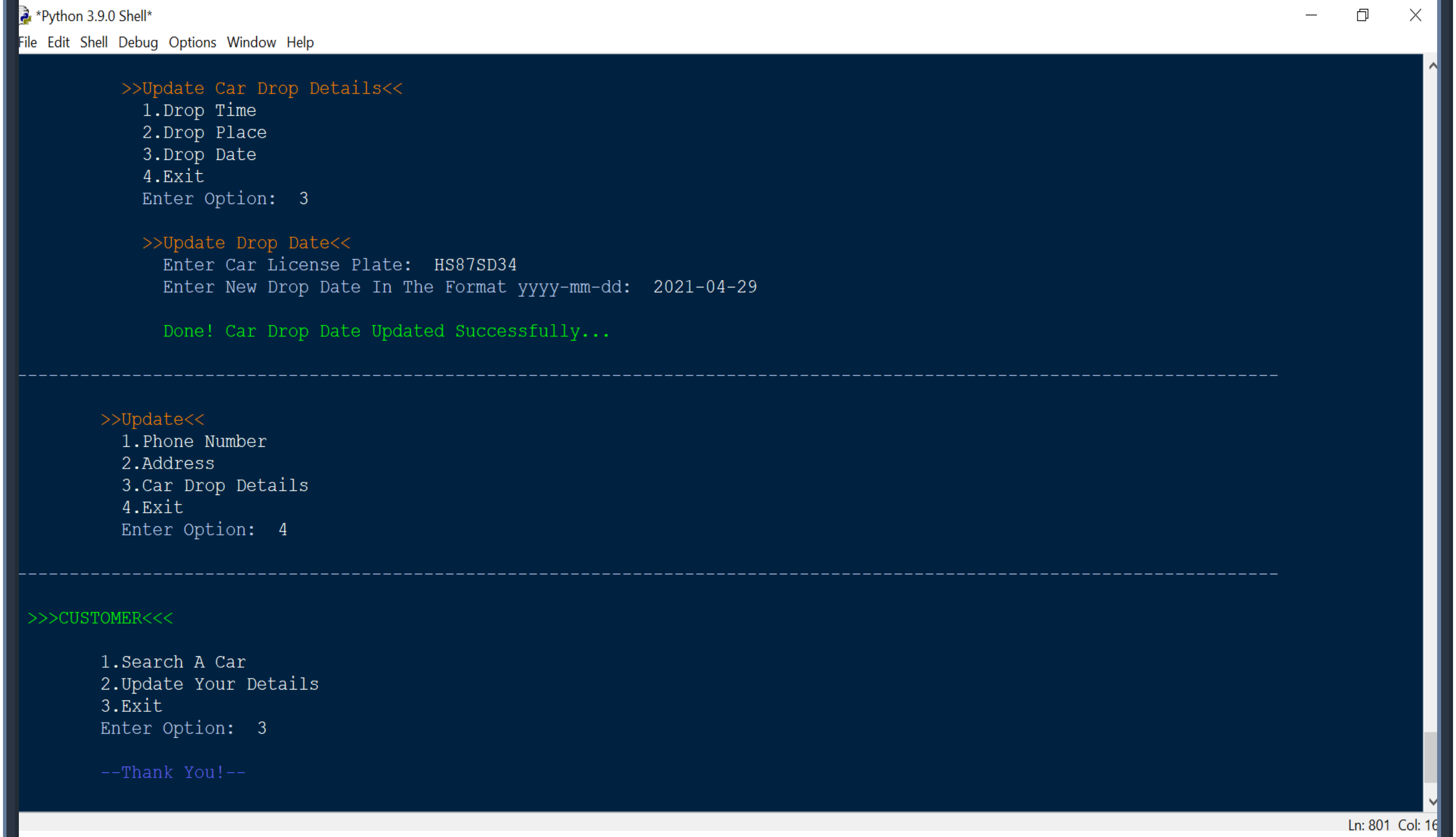
```
        >>Search Car Via<<
          1.Car Type
          2.Company
          3.Model
          4.Rent
          5.Exit
          Enter Option:  5

------------------------------------------------------------------------------------------------------------------------


 >>>CUSTOMER<<<

        1.Search A Car
        2.Update Your Details
        3.Exit
        Enter Option:  2

------------------------------------------------------------------------------------------------------------------------


        >>Update<<
          1.Phone Number
          2.Address
          3.Car Drop Details
          4.Exit
          Enter Option:  1

          >>Update Phone Number<<
            Enter Your Passport Number:  34NB34NK22
            Enter New Phone Number:  37784342

            Done! Phone Number Updated Successfully..

------------------------------------------------------------------------------------------------------------------------
```



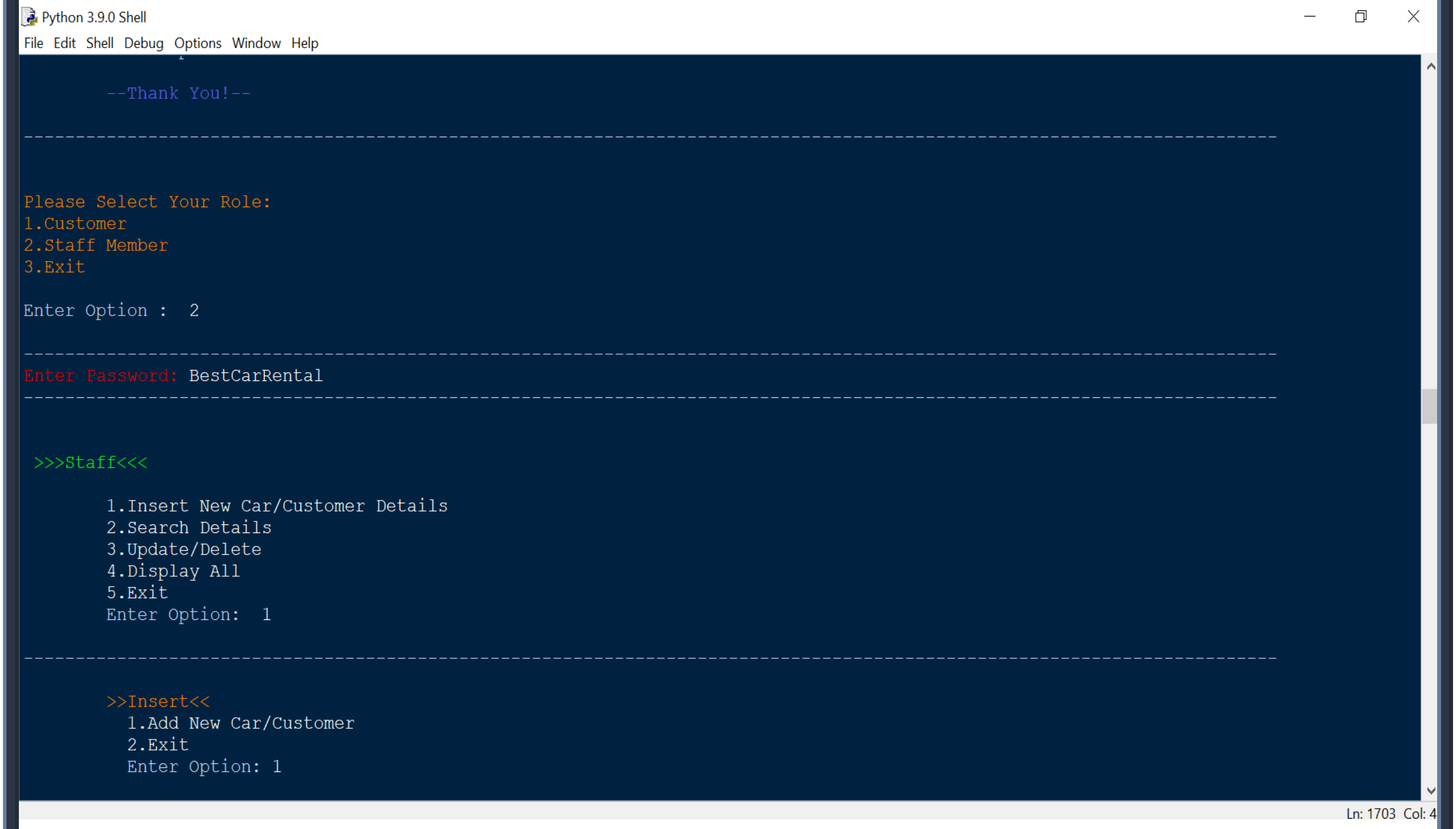
```
        >>Update<<
          1.Phone Number
          2.Address
          3.Car Drop Details
          4.Exit
          Enter Option:  2

          >>Update Address<<
            Enter Passport Number:  45GE90OH34
            Enter New Address:  Riffa

            Done! Address Updated Successfully..

------------------------------------------------------------------------------------------------------------------------


        >>Update<<
          1.Phone Number
          2.Address
          3.Car Drop Details
          4.Exit
          Enter Option:  3

          >>Update Car Drop Details<<
            1.Drop Time
            2.Drop Place
            3.Drop Date
            4.Exit
            Enter Option:  1

            >>Update Drop Time<<
              Enter Car License Plate:  GI34JI88
              Enter New Time In The Format HrHr:MinMin:  16:00

              Done! Car Drop Time Updated Successfully...
```



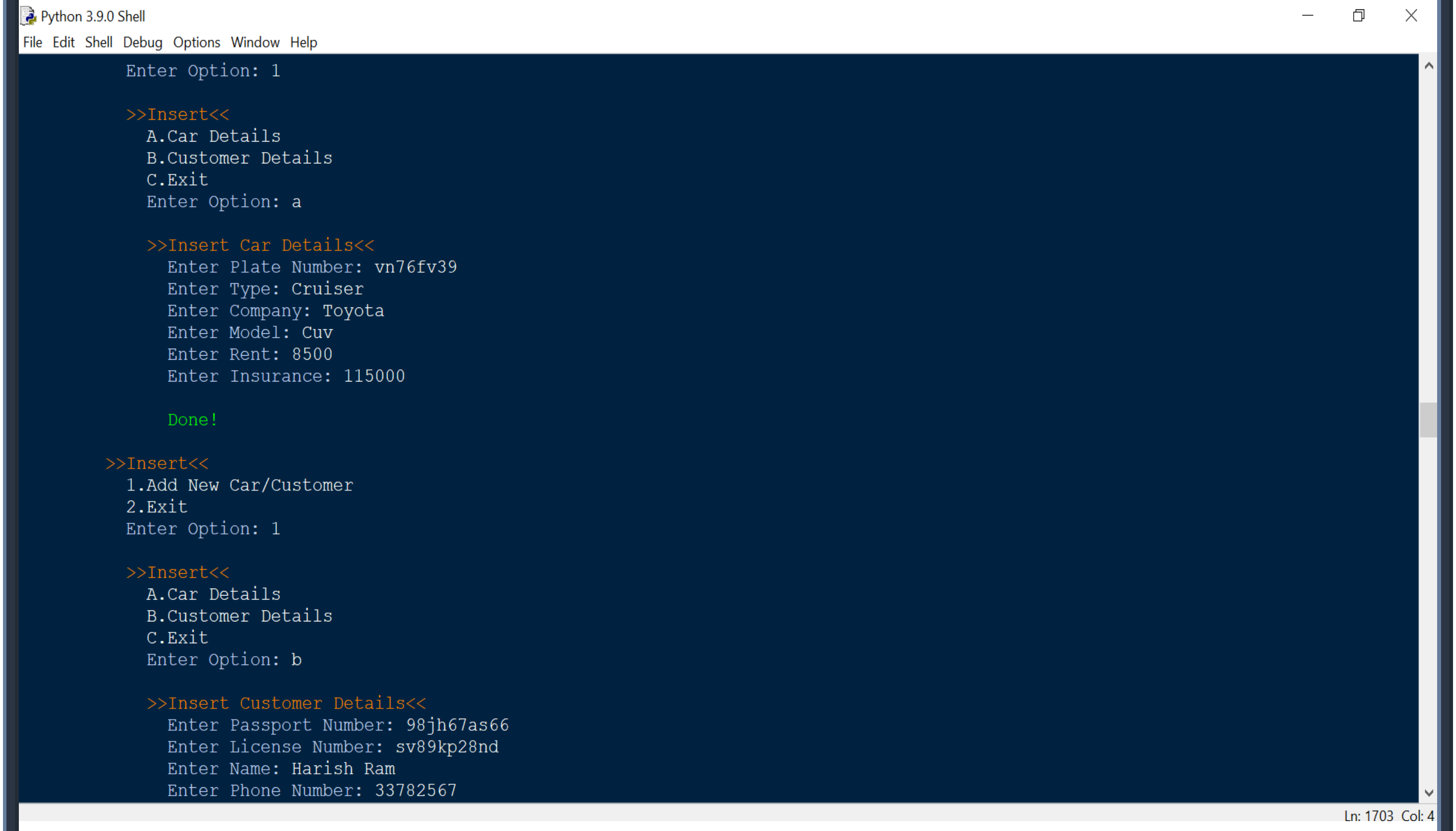
```
------------------------------------------------------------------------------------------------------------------------

        >>Update<<
          1.Phone Number
          2.Address
          3.Car Drop Details
          4.Exit
          Enter Option:  3

          >>Update Car Drop Details<<
            1.Drop Time
            2.Drop Place
            3.Drop Date
            4.Exit
            Enter Option:  2

            >>Update Drop Place<<
              Enter Car License Plate:  AP09IG54
              Enter New Drop Place:  Manama

              Done! Car Drop Place Updated Successfully...

------------------------------------------------------------------------------------------------------------------------

        >>Update<<
          1.Phone Number
          2.Address
          3.Car Drop Details
          4.Exit
          Enter Option:  3

          >>Update Car Drop Details<<
            1.Drop Time
            2.Drop Place
```



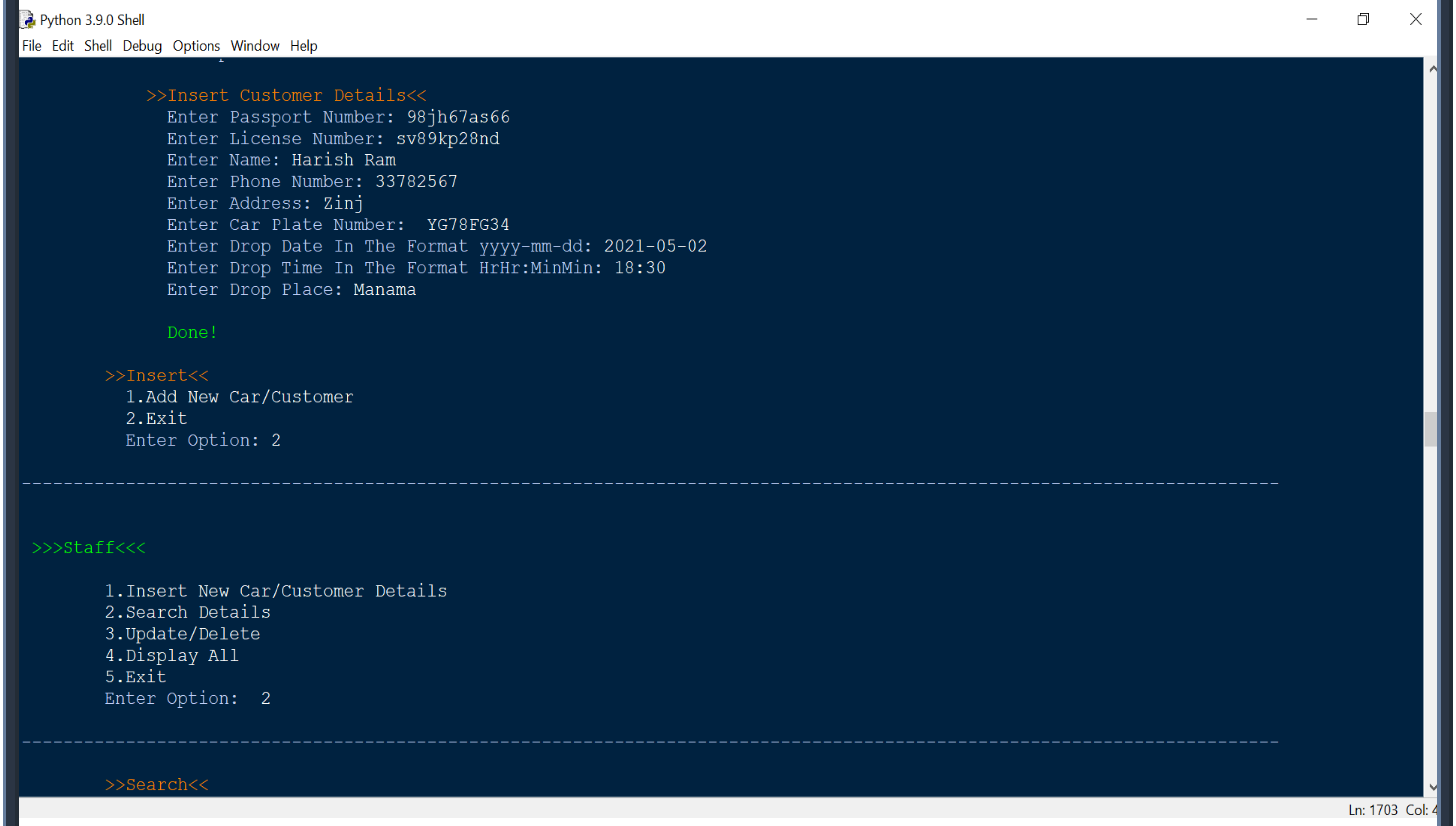
```
          >>Update Car Drop Details<<
            1.Drop Time
            2.Drop Place
            3.Drop Date
            4.Exit
            Enter Option:  3

            >>Update Drop Date<<
              Enter Car License Plate:  HS87SD34
              Enter New Drop Date In The Format yyyy-mm-dd:  2021-04-29

              Done! Car Drop Date Updated Successfully...

------------------------------------------------------------------------------------------------------------------------

        >>Update<<
          1.Phone Number
          2.Address
          3.Car Drop Details
          4.Exit
          Enter Option:  4

------------------------------------------------------------------------------------------------------------------------

 >>>CUSTOMER<<<

        1.Search A Car
        2.Update Your Details
        3.Exit
        Enter Option:  3

        --Thank You!--
```



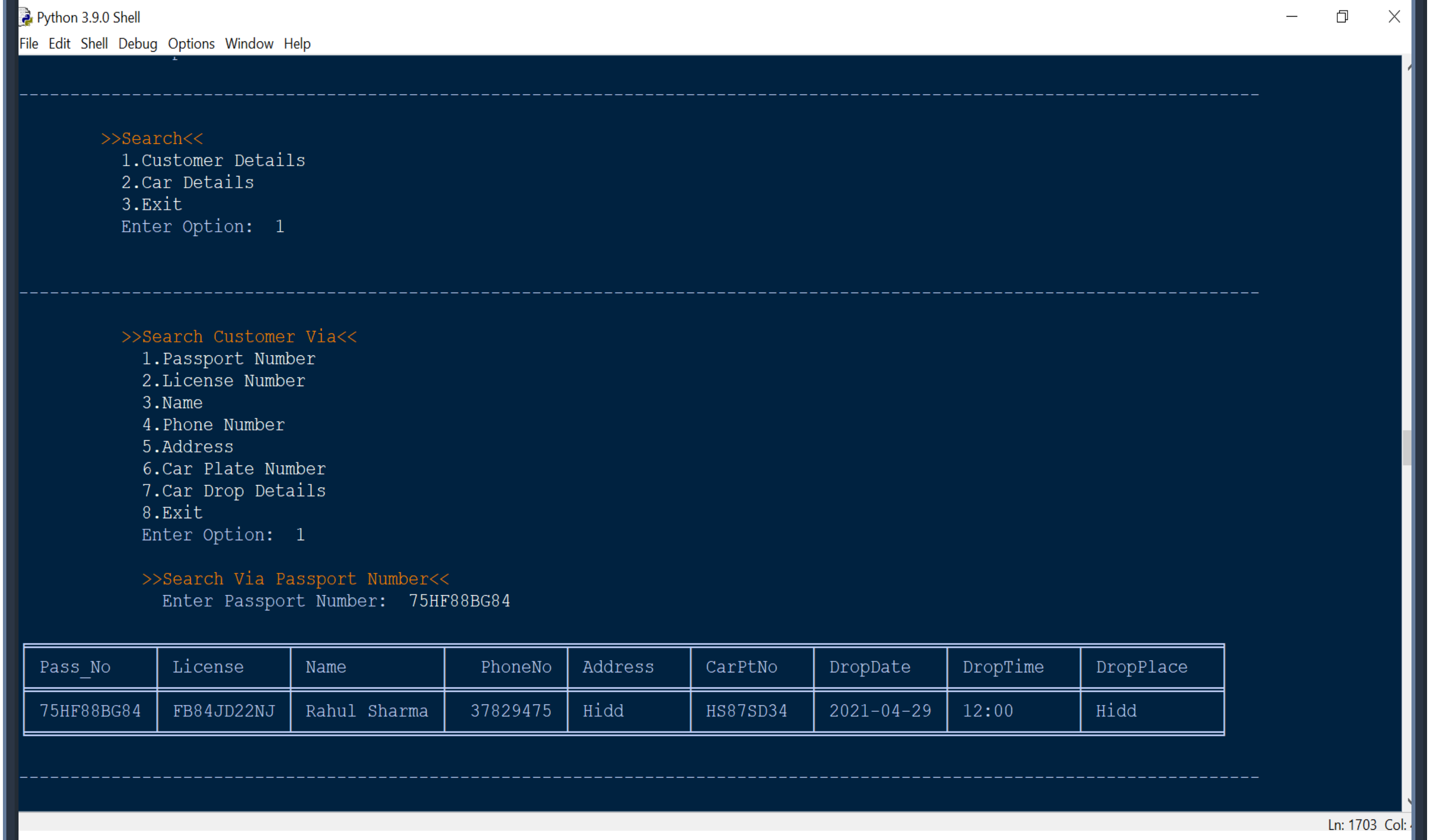
```
        --Thank You!--

-----------------------------------------------------------------------------------------------------------------------------


Please Select Your Role:
1.Customer
2.Staff Member
3.Exit

Enter Option :  2

-----------------------------------------------------------------------------------------------------------------------------
Enter Password: BestCarRental
-----------------------------------------------------------------------------------------------------------------------------


 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  1

-----------------------------------------------------------------------------------------------------------------------------

        >>Insert<<
          1.Add New Car/Customer
          2.Exit
          Enter Option: 1
```



```
          Enter Option: 1

          >>Insert<<
            A.Car Details
            B.Customer Details
            C.Exit
            Enter Option: a

            >>Insert Car Details<<
              Enter Plate Number: vn76fv39
              Enter Type: Cruiser
              Enter Company: Toyota
              Enter Model: Cuv
              Enter Rent: 8500
              Enter Insurance: 115000

              Done!

        >>Insert<<
          1.Add New Car/Customer
          2.Exit
          Enter Option: 1

          >>Insert<<
            A.Car Details
            B.Customer Details
            C.Exit
            Enter Option: b

            >>Insert Customer Details<<
              Enter Passport Number: 98jh67as66
              Enter License Number: sv89kp28nd
              Enter Name: Harish Ram
              Enter Phone Number: 33782567
```



```
            >>Insert Customer Details<<
              Enter Passport Number: 98jh67as66
              Enter License Number: sv89kp28nd
              Enter Name: Harish Ram
              Enter Phone Number: 33782567
              Enter Address: Zinj
              Enter Car Plate Number:  YG78FG34
              Enter Drop Date In The Format yyyy-mm-dd: 2021-05-02
              Enter Drop Time In The Format HrHr:MinMin: 18:30
              Enter Drop Place: Manama

              Done!

        >>Insert<<
          1.Add New Car/Customer
          2.Exit
          Enter Option: 2

-------------------------------------------------------------------------------------------------------------------------


 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  2

-------------------------------------------------------------------------------------------------------------------------

        >>Search<<
```



```
-------------------------------------------------------------------------------------------------------------------------

        >>Search<<
          1.Customer Details
          2.Car Details
          3.Exit
          Enter Option:  1


-------------------------------------------------------------------------------------------------------------------------

          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  1

            >>Search Via Passport Number<<
              Enter Passport Number:  75HF88BG84

+------------+------------+---------------+-----------+-----------+-----------+------------+------------+-------------+
| Pass_No    | License    | Name          |   PhoneNo | Address   | CarPtNo   | DropDate   | DropTime   | DropPlace   |
+============+============+===============+===========+===========+===========+============+============+=============+
| 75HF88BG84 | FB84JD22NJ | Rahul Sharma  |  37829475 | Hidd      | HS87SD34  | 2021-04-29 | 12:00      | Hidd        |
+------------+------------+---------------+-----------+-----------+-----------+------------+------------+-------------+

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```

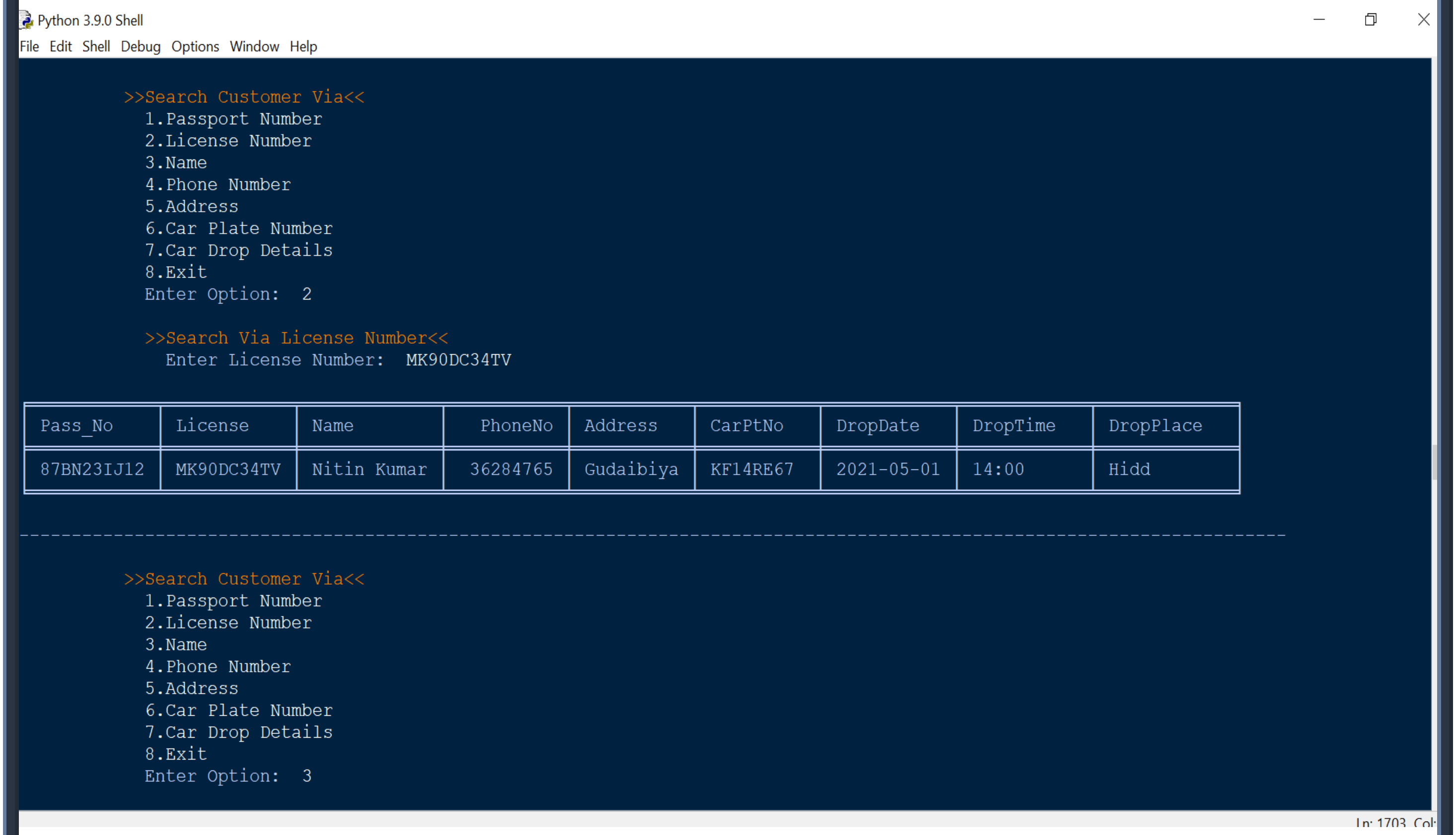

```
          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  2

            >>Search Via License Number<<
              Enter License Number:  MK90DC34TV

 Pass_No     License     Name            PhoneNo  Address     CarPtNo     DropDate     DropTime     DropPlace
 87BN23IJ12  MK90DC34TV  Nitin Kumar    36284765  Gudaibiya   KF14RE67    2021-05-01   14:00        Hidd

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          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  3
```

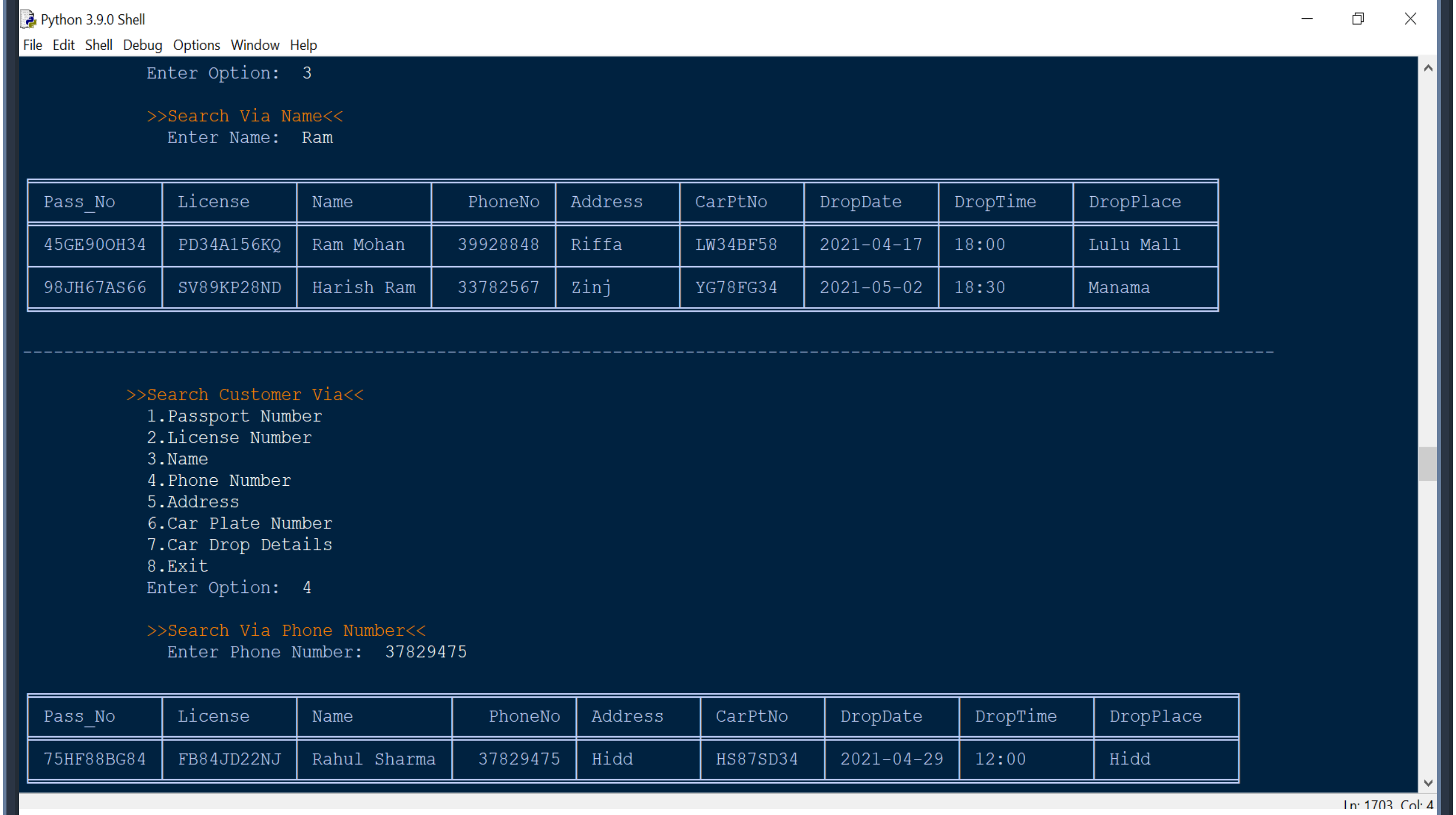

```
            Enter Option:  3

            >>Search Via Name<<
              Enter Name:  Ram

 Pass_No     License     Name          PhoneNo  Address    CarPtNo    DropDate    DropTime    DropPlace
 45GE90OH34  PD34A156KQ  Ram Mohan    39928848  Riffa      LW34BF58   2021-04-17  18:00       Lulu Mall
 98JH67AS66  SV89KP28ND  Harish Ram   33782567  Zinj       YG78FG34   2021-05-02  18:30       Manama

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          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  4

            >>Search Via Phone Number<<
              Enter Phone Number:  37829475

 Pass_No     License     Name            PhoneNo  Address    CarPtNo     DropDate     DropTime     DropPlace
 75HF88BG84  FB84JD22NJ  Rahul Sharma   37829475  Hidd       HS87SD34    2021-04-29   12:00        Hidd
```
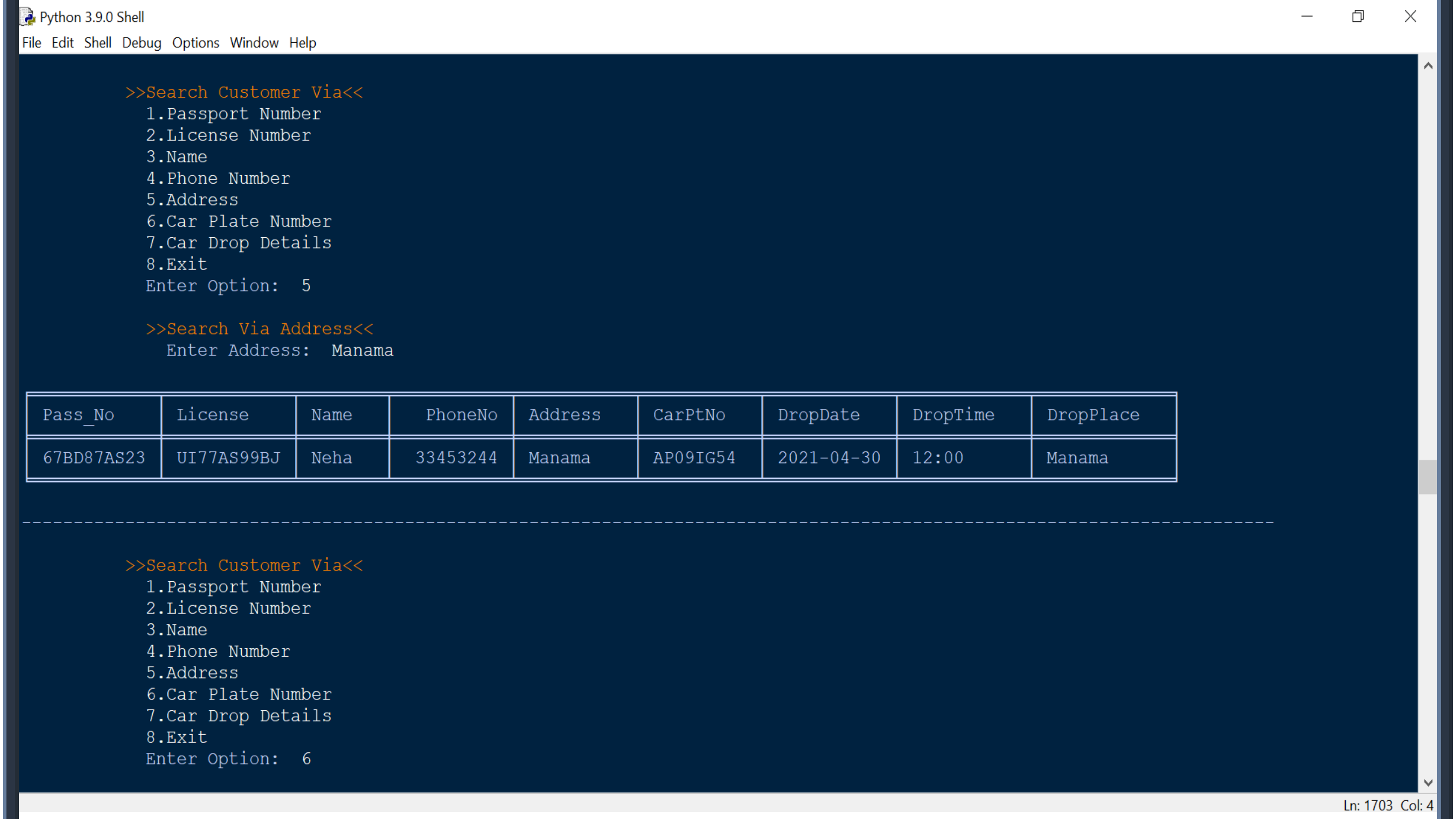
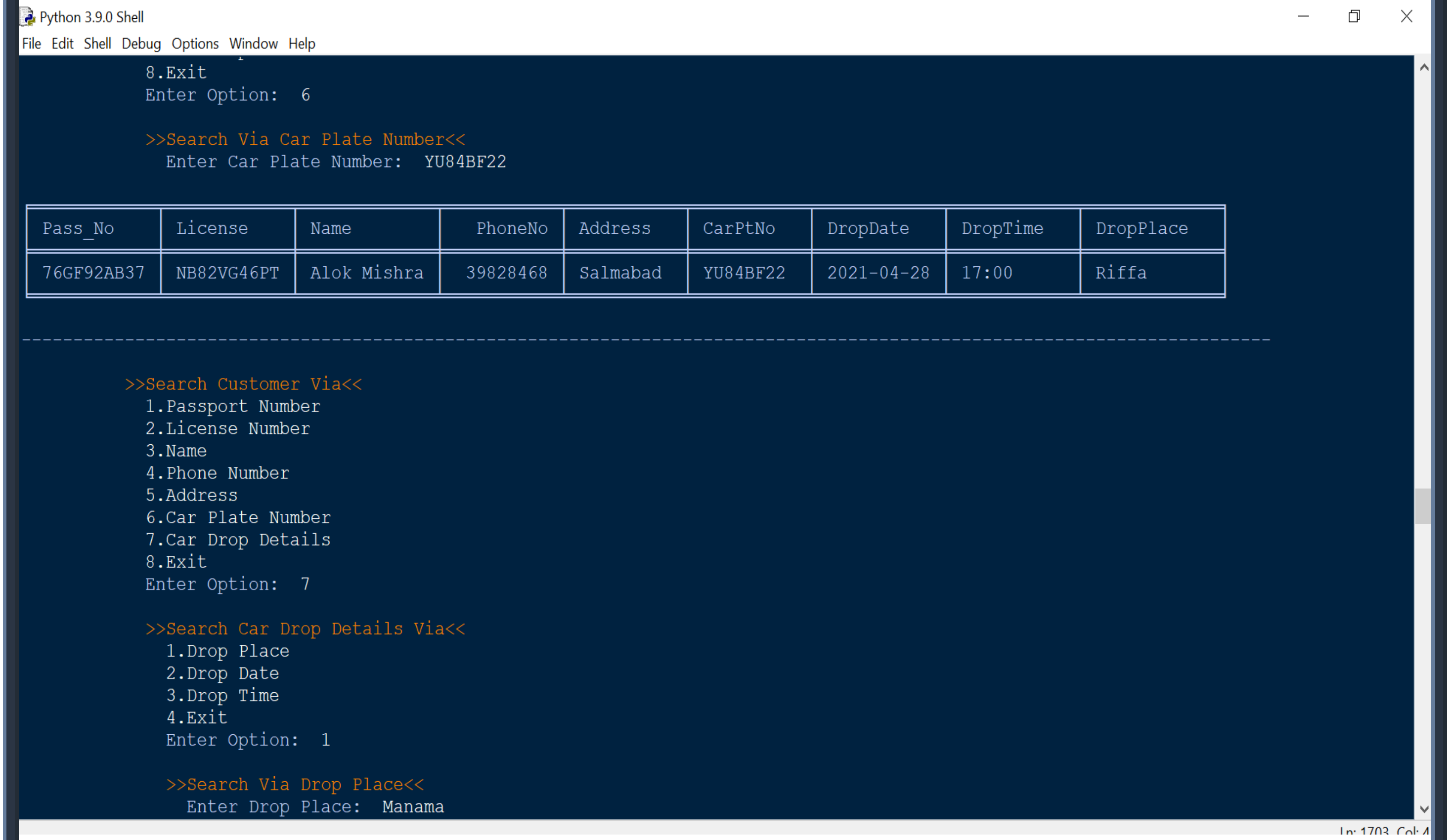
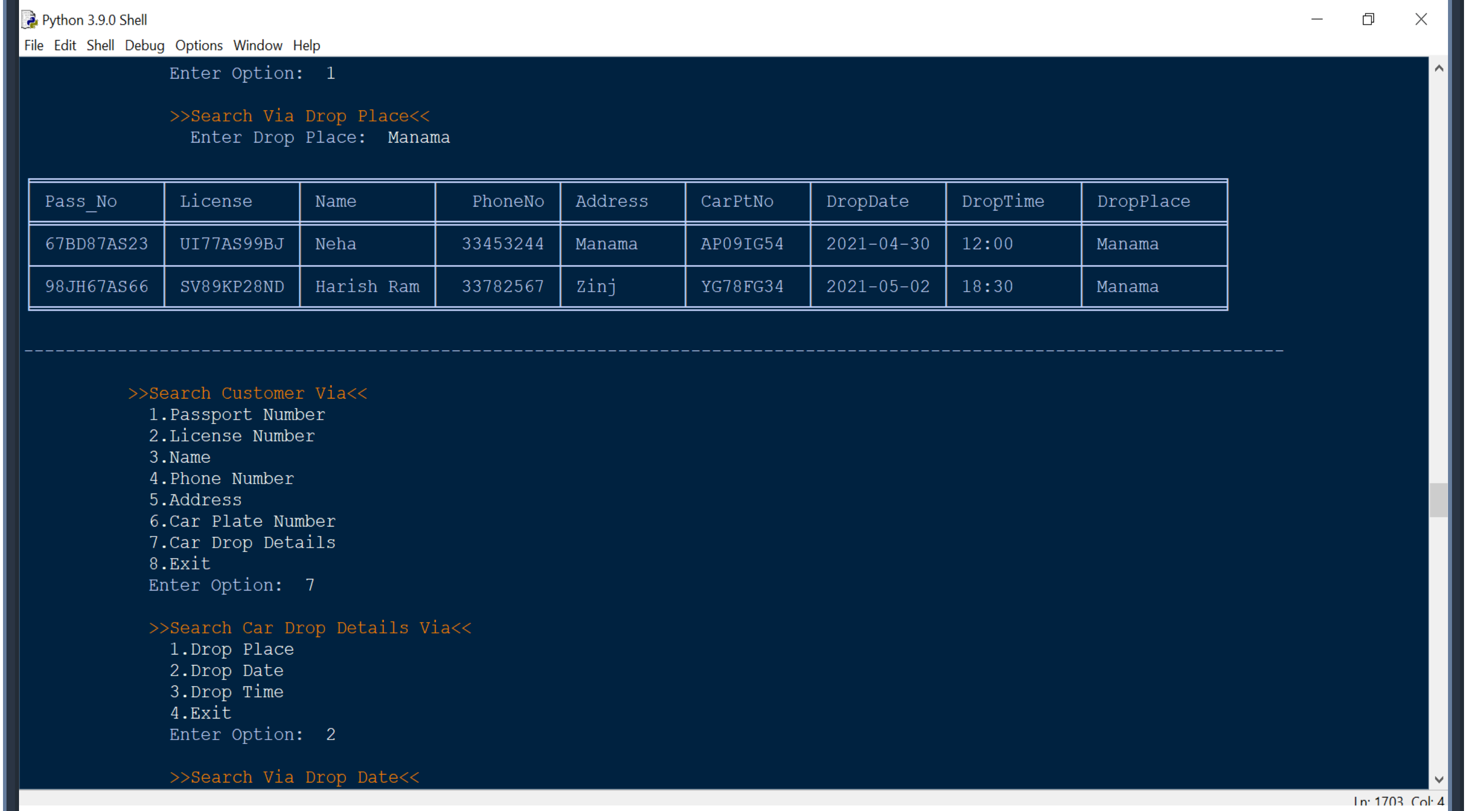



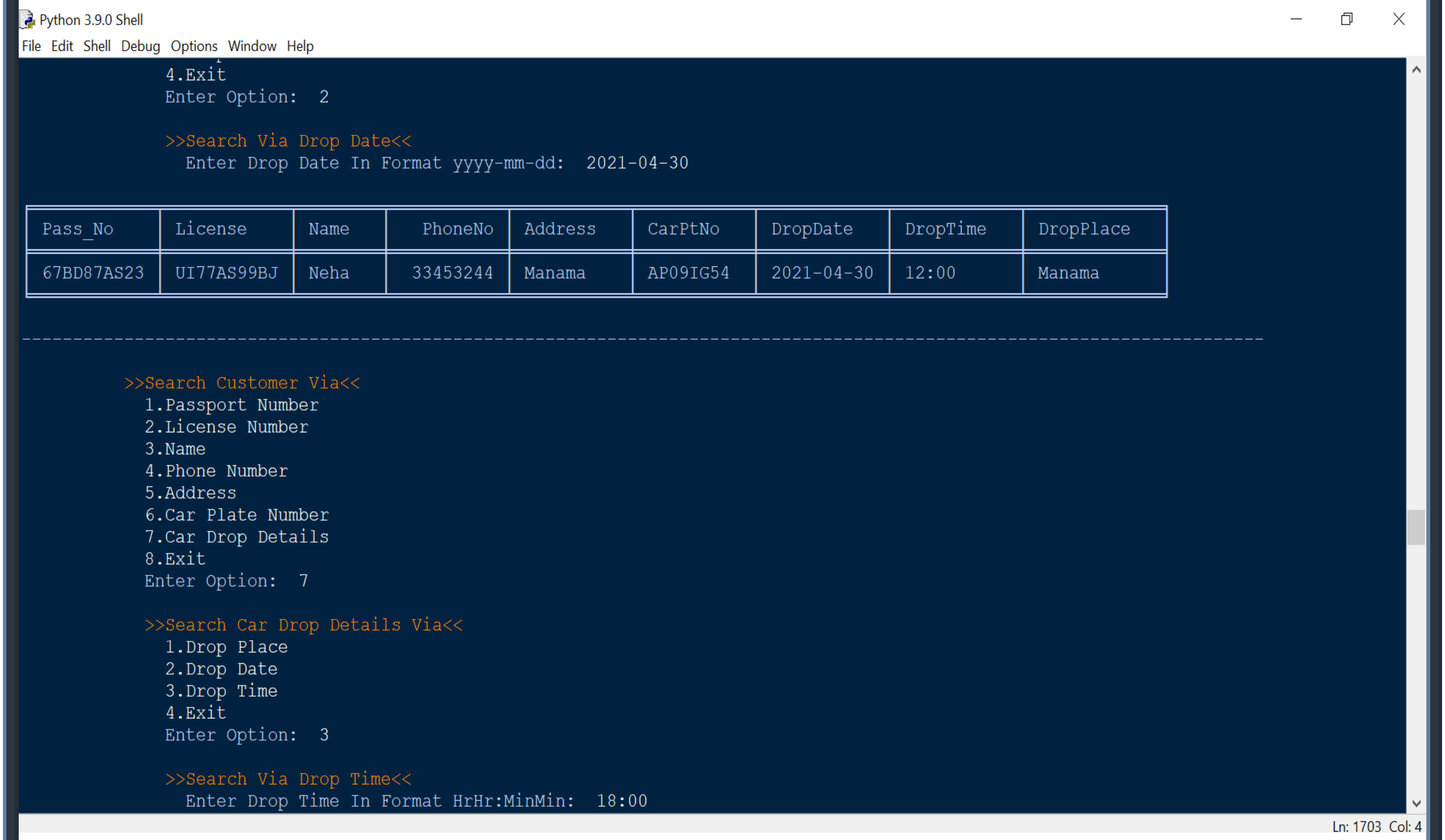
```
          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  5

            >>Search Via Address<<
              Enter Address:  Manama

 | Pass_No    | License    | Name     |  PhoneNo | Address   | CarPtNo   | DropDate   | DropTime  | DropPlace  |
 | 67BD87AS23 | UI77AS99BJ | Neha     | 33453244 | Manama    | AP09IG54  | 2021-04-30 | 12:00     | Manama     |

--------------------------------------------------------------------------------------------------------------------------

          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  6
```



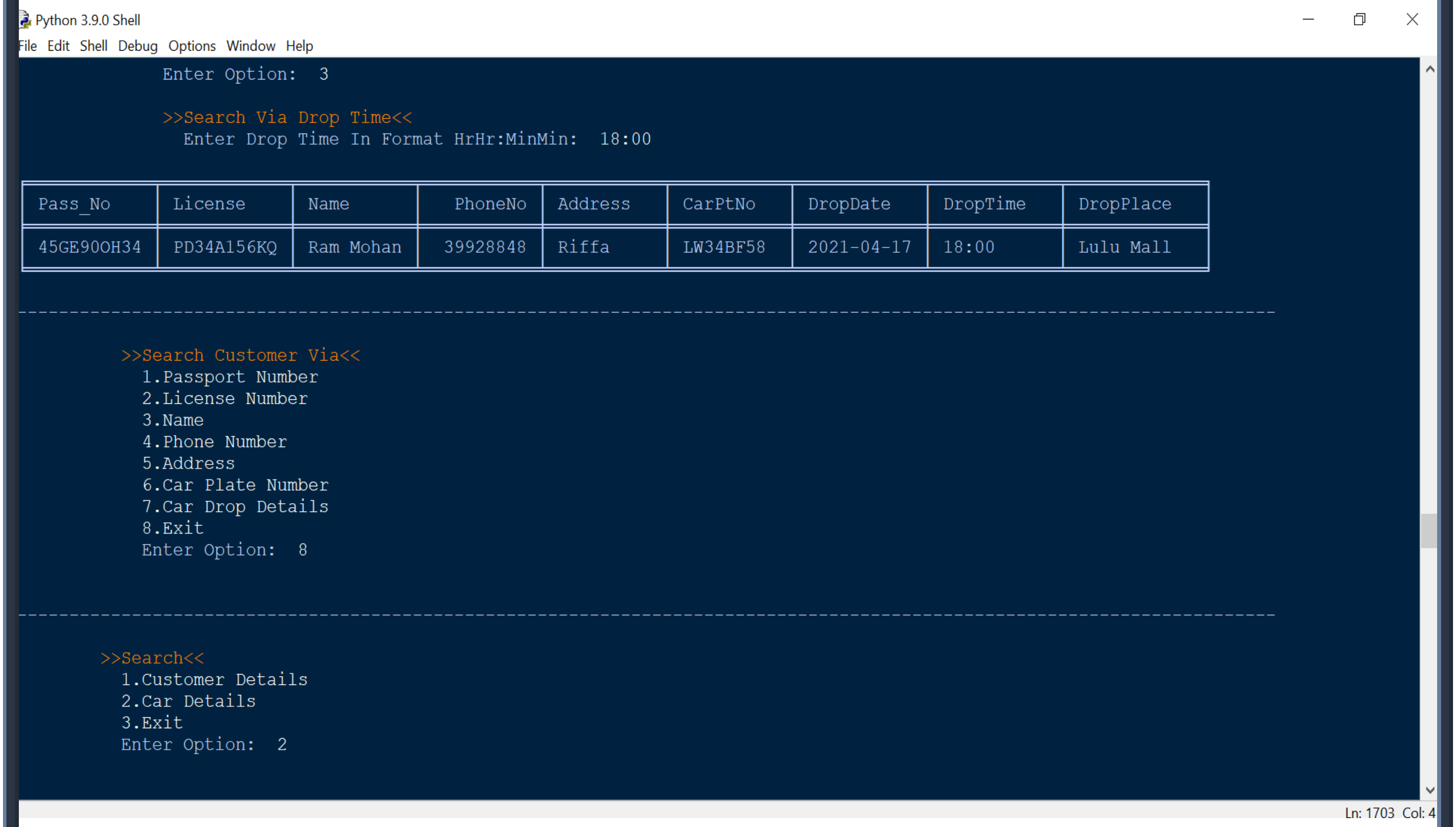
```
            8.Exit
            Enter Option:  6

            >>Search Via Car Plate Number<<
              Enter Car Plate Number:  YU84BF22

 | Pass_No    | License    | Name         |  PhoneNo | Address   | CarPtNo   | DropDate   | DropTime  | DropPlace  |
 | 76GF92AB37 | NB82VG46PT | Alok Mishra  | 39828468 | Salmabad  | YU84BF22  | 2021-04-28 | 17:00     | Riffa      |

--------------------------------------------------------------------------------------------------------------------------

          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  7

            >>Search Car Drop Details Via<<
              1.Drop Place
              2.Drop Date
              3.Drop Time
              4.Exit
              Enter Option:  1

              >>Search Via Drop Place<<
                Enter Drop Place:  Manama
```



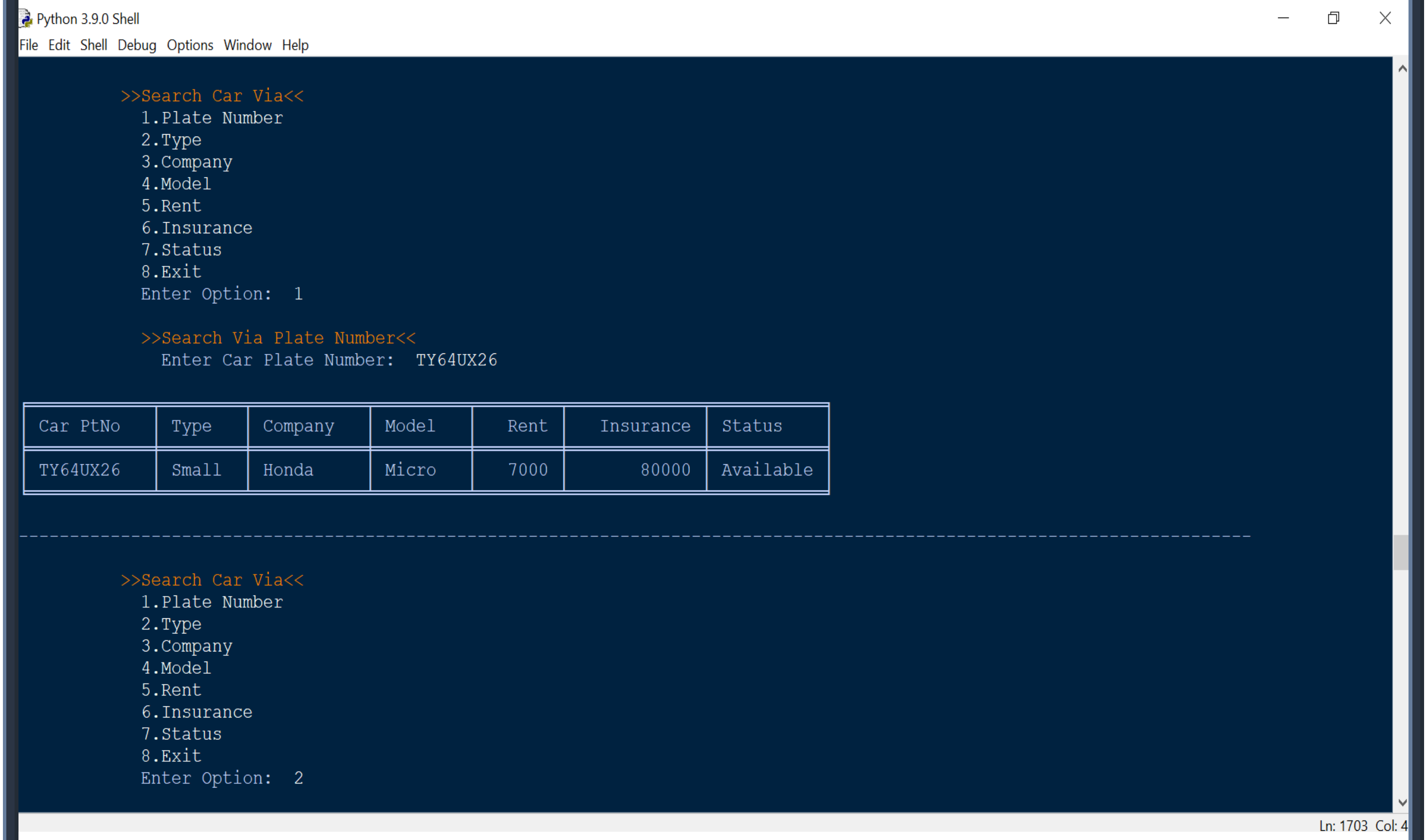
```
              Enter Option:  1

              >>Search Via Drop Place<<
                Enter Drop Place:  Manama

| Pass_No    | License    | Name        |  PhoneNo | Address | CarPtNo  | DropDate   | DropTime | DropPlace |
|------------|------------|-------------|----------|---------|----------|------------|----------|-----------|
| 67BD87AS23 | UI77AS99BJ | Neha        | 33453244 | Manama  | AP09IG54 | 2021-04-30 | 12:00    | Manama    |
| 98JH67AS66 | SV89KP28ND | Harish Ram  | 33782567 | Zinj    | YG78FG34 | 2021-05-02 | 18:30    | Manama    |

-------------------------------------------------------------------------------------------------------------------------

          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  7

            >>Search Car Drop Details Via<<
              1.Drop Place
              2.Drop Date
              3.Drop Time
              4.Exit
              Enter Option:  2

              >>Search Via Drop Date<<
```



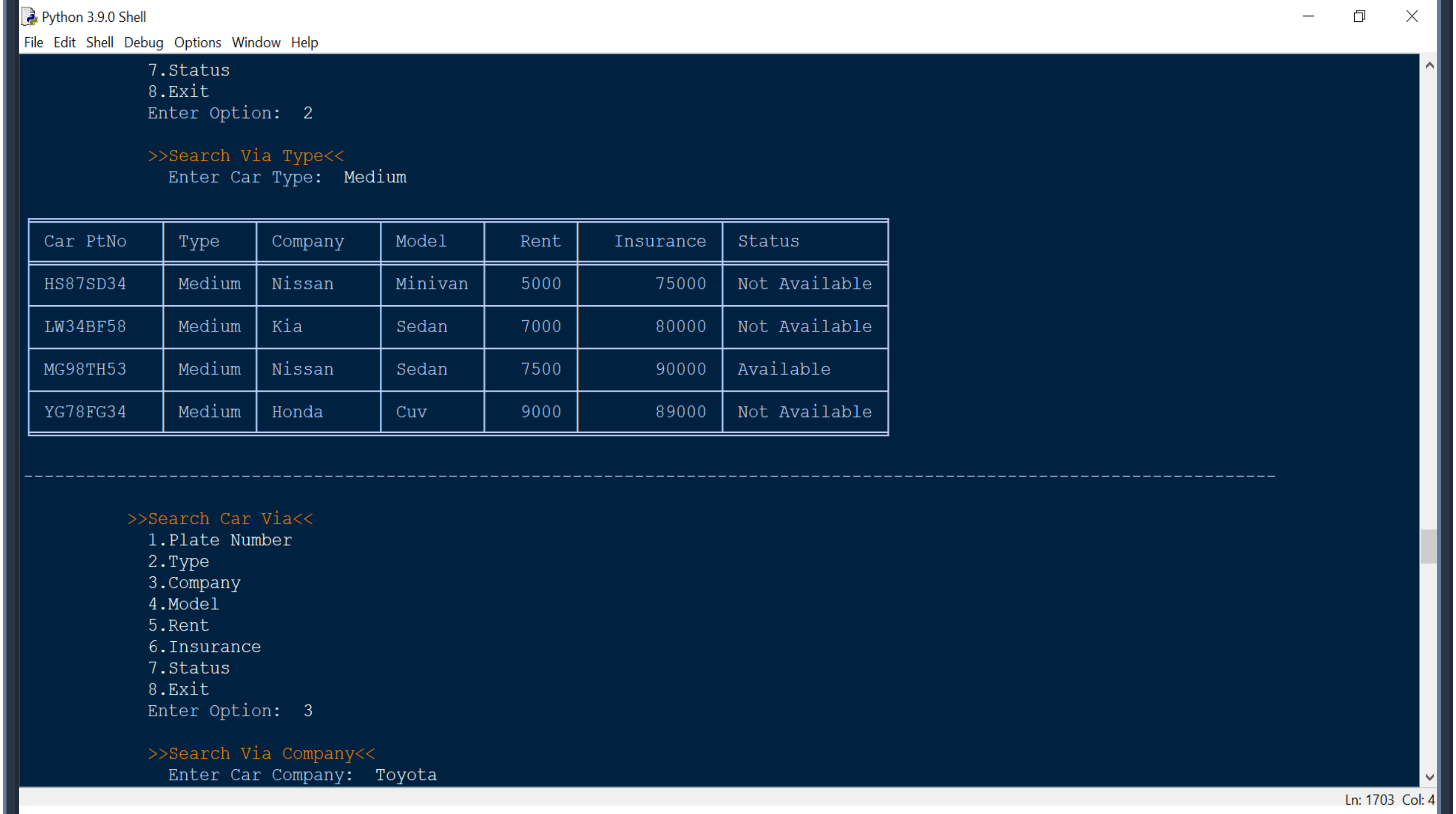
```
              4.Exit
              Enter Option:  2

              >>Search Via Drop Date<<
                Enter Drop Date In Format yyyy-mm-dd:  2021-04-30

| Pass_No    | License    | Name |  PhoneNo | Address | CarPtNo  | DropDate   | DropTime | DropPlace |
|------------|------------|------|----------|---------|----------|------------|----------|-----------|
| 67BD87AS23 | UI77AS99BJ | Neha | 33453244 | Manama  | AP09IG54 | 2021-04-30 | 12:00    | Manama    |

-------------------------------------------------------------------------------------------------------------------------

          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  7

            >>Search Car Drop Details Via<<
              1.Drop Place
              2.Drop Date
              3.Drop Time
              4.Exit
              Enter Option:  3

              >>Search Via Drop Time<<
                Enter Drop Time In Format HrHr:MinMin:  18:00
```



```
              Enter Option:  3

              >>Search Via Drop Time<<
                Enter Drop Time In Format HrHr:MinMin:  18:00

 Pass_No      License      Name        PhoneNo   Address    CarPtNo    DropDate     DropTime     DropPlace

 45GE90OH34   PD34A156KQ   Ram Mohan   39928848  Riffa      LW34BF58   2021-04-17   18:00        Lulu Mall

-------------------------------------------------------------------------------------------------------------------------

          >>Search Customer Via<<
            1.Passport Number
            2.License Number
            3.Name
            4.Phone Number
            5.Address
            6.Car Plate Number
            7.Car Drop Details
            8.Exit
            Enter Option:  8

-------------------------------------------------------------------------------------------------------------------------

        >>Search<<
          1.Customer Details
          2.Car Details
          3.Exit
          Enter Option:  2
```



```
          >>Search Car Via<<
            1.Plate Number
            2.Type
            3.Company
            4.Model
            5.Rent
            6.Insurance
            7.Status
            8.Exit
            Enter Option:  1

            >>Search Via Plate Number<<
              Enter Car Plate Number:  TY64UX26

 Car PtNo    Type     Company     Model     Rent     Insurance   Status

 TY64UX26    Small    Honda       Micro     7000         80000   Available

-------------------------------------------------------------------------------------------------------------------------

          >>Search Car Via<<
            1.Plate Number
            2.Type
            3.Company
            4.Model
            5.Rent
            6.Insurance
            7.Status
            8.Exit
            Enter Option:  2
```



```
            7.Status
            8.Exit
            Enter Option:  2

            >>Search Via Type<<
              Enter Car Type:  Medium

 ┌────────────┬────────┬───────────┬─────────┬────────┬─────────────┬───────────────┐
 │ Car PtNo   │ Type   │ Company   │ Model   │   Rent │   Insurance │ Status        │
 ├────────────┼────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ HS87SD34   │ Medium │ Nissan    │ Minivan │   5000 │       75000 │ Not Available │
 ├────────────┼────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ LW34BF58   │ Medium │ Kia       │ Sedan   │   7000 │       80000 │ Not Available │
 ├────────────┼────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ MG98TH53   │ Medium │ Nissan    │ Sedan   │   7500 │       90000 │ Available     │
 ├────────────┼────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ YG78FG34   │ Medium │ Honda     │ Cuv     │   9000 │       89000 │ Not Available │
 └────────────┴────────┴───────────┴─────────┴────────┴─────────────┴───────────────┘

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          >>Search Car Via<<
            1.Plate Number
            2.Type
            3.Company
            4.Model
            5.Rent
            6.Insurance
            7.Status
            8.Exit
            Enter Option:  3

            >>Search Via Company<<
              Enter Car Company:  Toyota
```

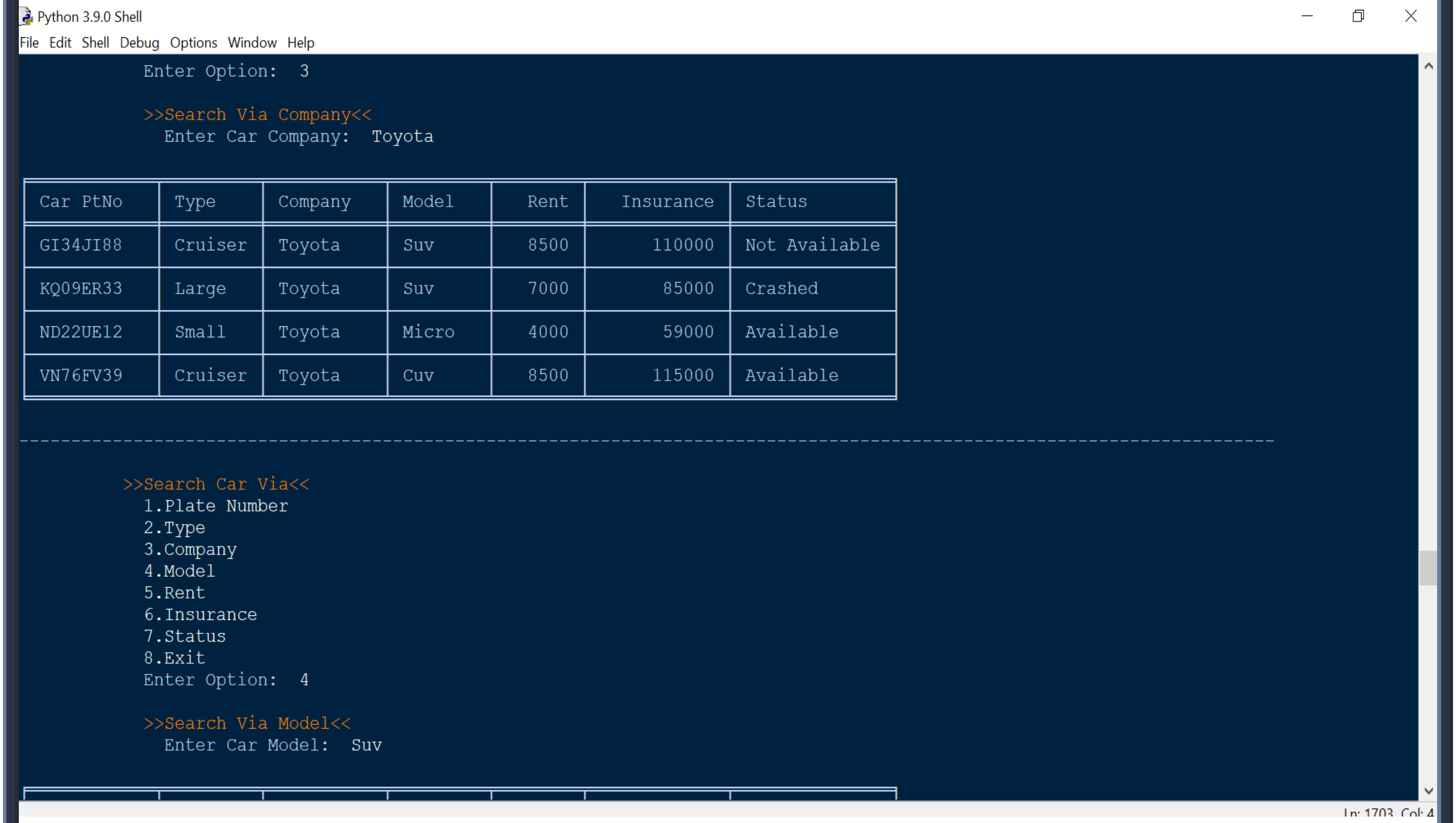

```
            Enter Option:  3

            >>Search Via Company<<
              Enter Car Company:  Toyota

 ┌────────────┬─────────┬───────────┬─────────┬────────┬─────────────┬───────────────┐
 │ Car PtNo   │ Type    │ Company   │ Model   │   Rent │   Insurance │ Status        │
 ├────────────┼─────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ GI34JI88   │ Cruiser │ Toyota    │ Suv     │   8500 │      110000 │ Not Available │
 ├────────────┼─────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ KQ09ER33   │ Large   │ Toyota    │ Suv     │   7000 │       85000 │ Crashed       │
 ├────────────┼─────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ ND22UE12   │ Small   │ Toyota    │ Micro   │   4000 │       59000 │ Available     │
 ├────────────┼─────────┼───────────┼─────────┼────────┼─────────────┼───────────────┤
 │ VN76FV39   │ Cruiser │ Toyota    │ Cuv     │   8500 │      115000 │ Available     │
 └────────────┴─────────┴───────────┴─────────┴────────┴─────────────┴───────────────┘

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          >>Search Car Via<<
            1.Plate Number
            2.Type
            3.Company
            4.Model
            5.Rent
            6.Insurance
            7.Status
            8.Exit
            Enter Option:  4

            >>Search Via Model<<
              Enter Car Model:  Suv

 ┌────────────┬─────────┬───────────┬─────────┬────────┬─────────────┬───────────────┐
```

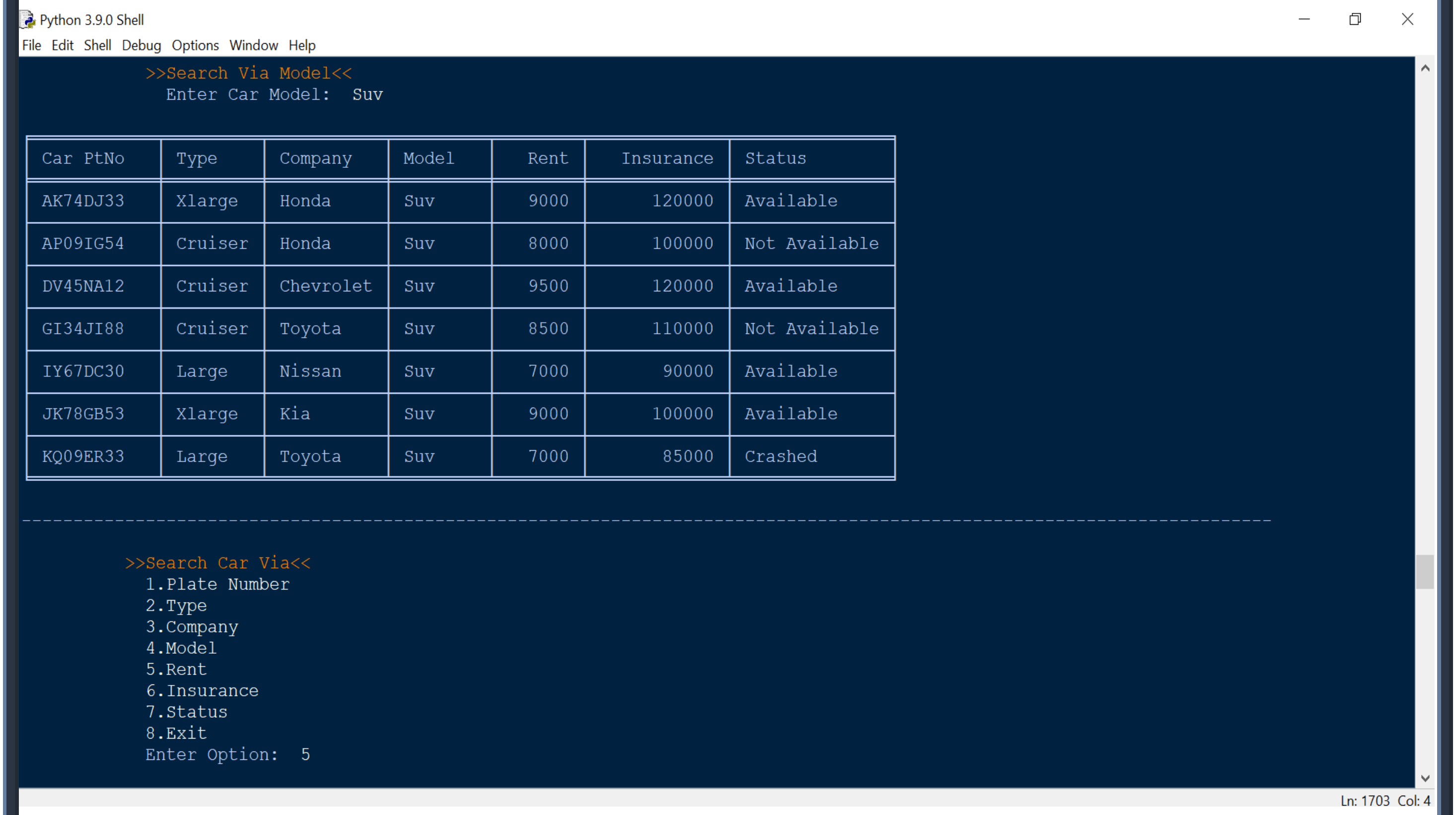

```
          >>Search Via Model<<
            Enter Car Model:  Suv

 Car PtNo   Type      Company     Model       Rent    Insurance   Status
 AK74DJ33   Xlarge    Honda       Suv         9000       120000   Available
 AP09IG54   Cruiser   Honda       Suv         8000       100000   Not Available
 DV45NA12   Cruiser   Chevrolet   Suv         9500       120000   Available
 GI34JI88   Cruiser   Toyota      Suv         8500       110000   Not Available
 IY67DC30   Large     Nissan      Suv         7000        90000   Available
 JK78GB53   Xlarge    Kia         Suv         9000       100000   Available
 KQ09ER33   Large     Toyota      Suv         7000        85000   Crashed

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        >>Search Car Via<<
          1.Plate Number
          2.Type
          3.Company
          4.Model
          5.Rent
          6.Insurance
          7.Status
          8.Exit
          Enter Option:  5
```

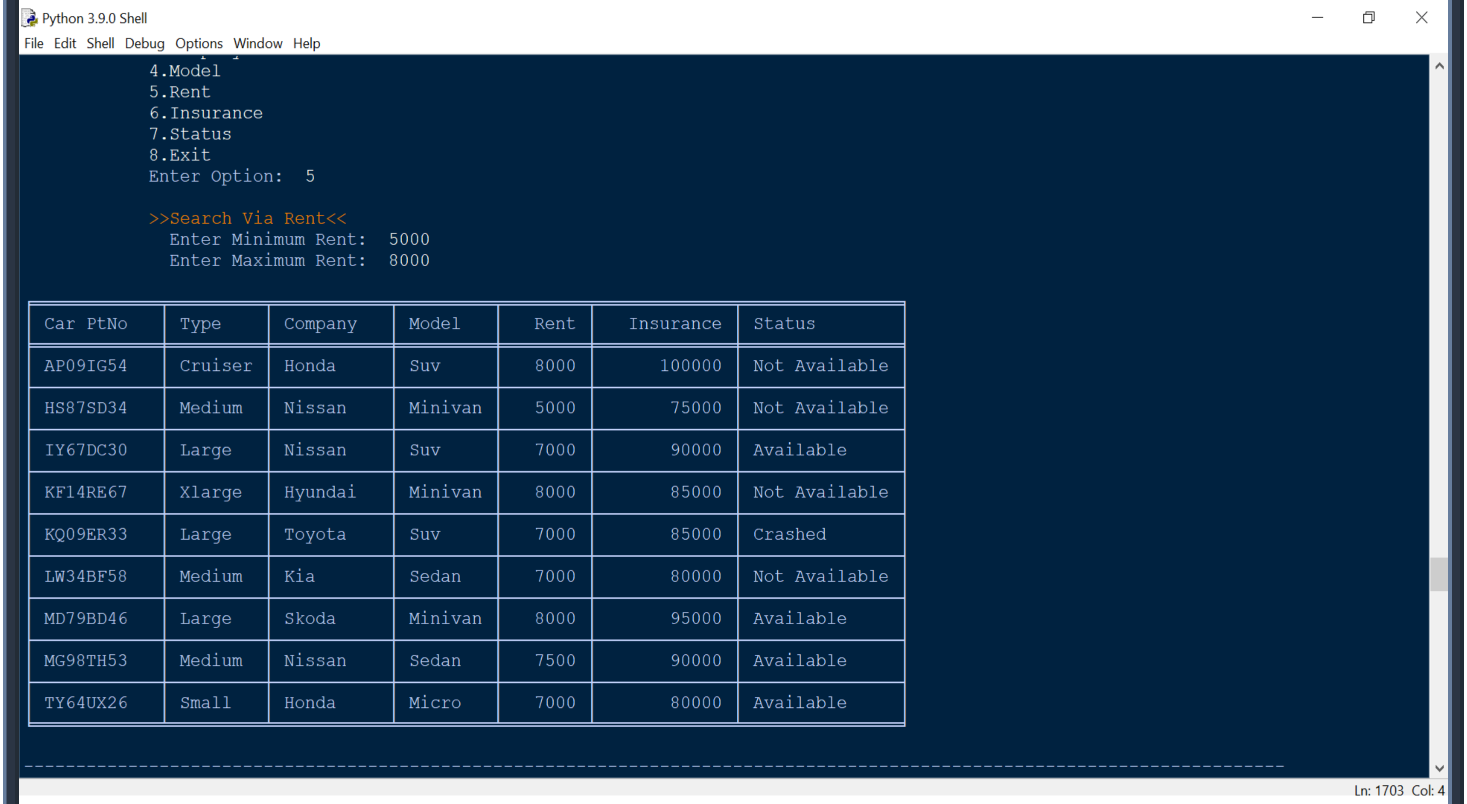

```
          4.Model
          5.Rent
          6.Insurance
          7.Status
          8.Exit
          Enter Option:  5

          >>Search Via Rent<<
            Enter Minimum Rent:  5000
            Enter Maximum Rent:  8000

 Car PtNo   Type      Company     Model       Rent    Insurance   Status
 AP09IG54   Cruiser   Honda       Suv         8000       100000   Not Available
 HS87SD34   Medium    Nissan      Minivan     5000        75000   Not Available
 IY67DC30   Large     Nissan      Suv         7000        90000   Available
 KF14RE67   Xlarge    Hyundai     Minivan     8000        85000   Not Available
 KQ09ER33   Large     Toyota      Suv         7000        85000   Crashed
 LW34BF58   Medium    Kia         Sedan       7000        80000   Not Available
 MD79BD46   Large     Skoda       Minivan     8000        95000   Available
 MG98TH53   Medium    Nissan      Sedan       7500        90000   Available
 TY64UX26   Small     Honda       Micro       7000        80000   Available

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```
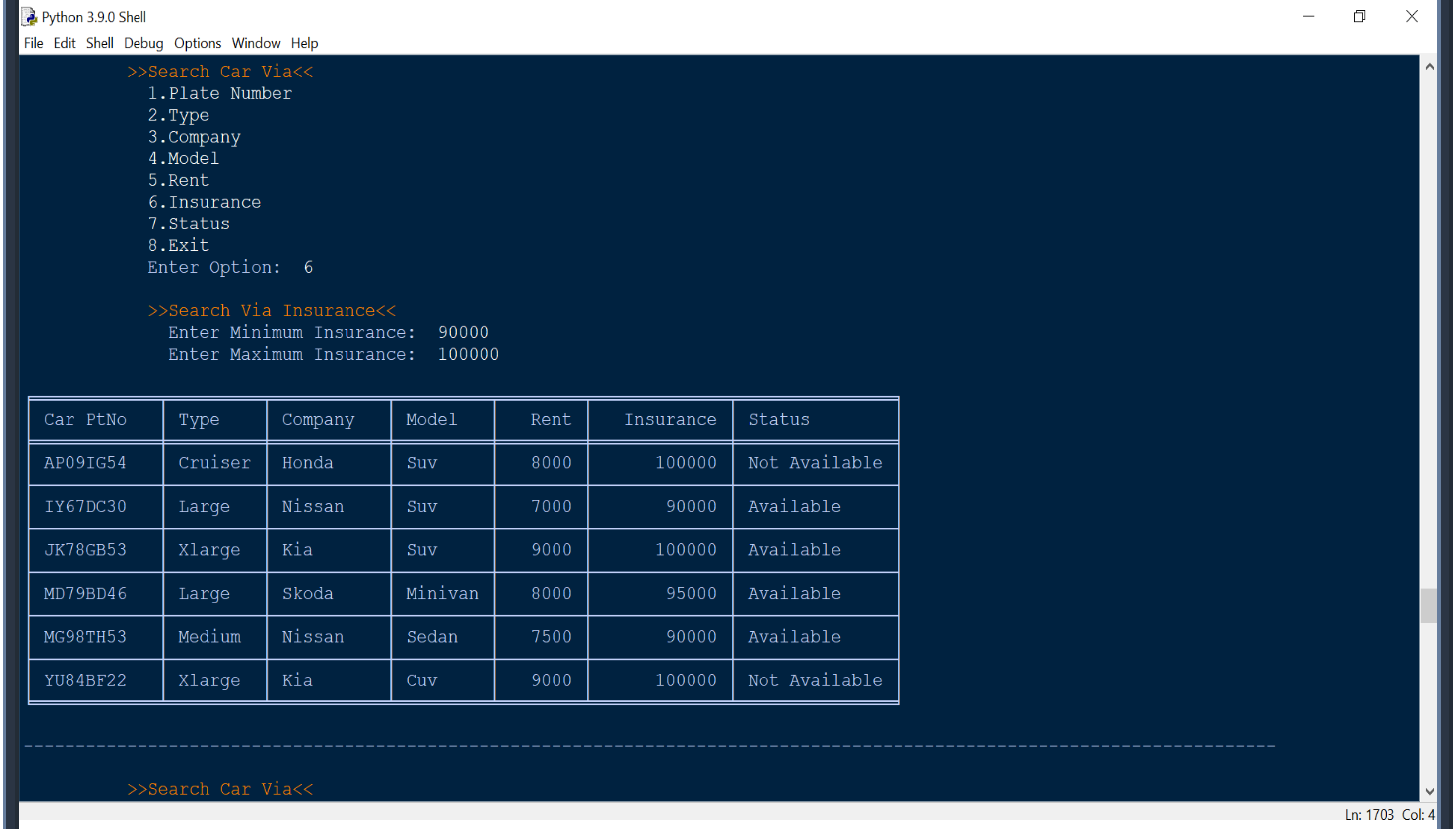
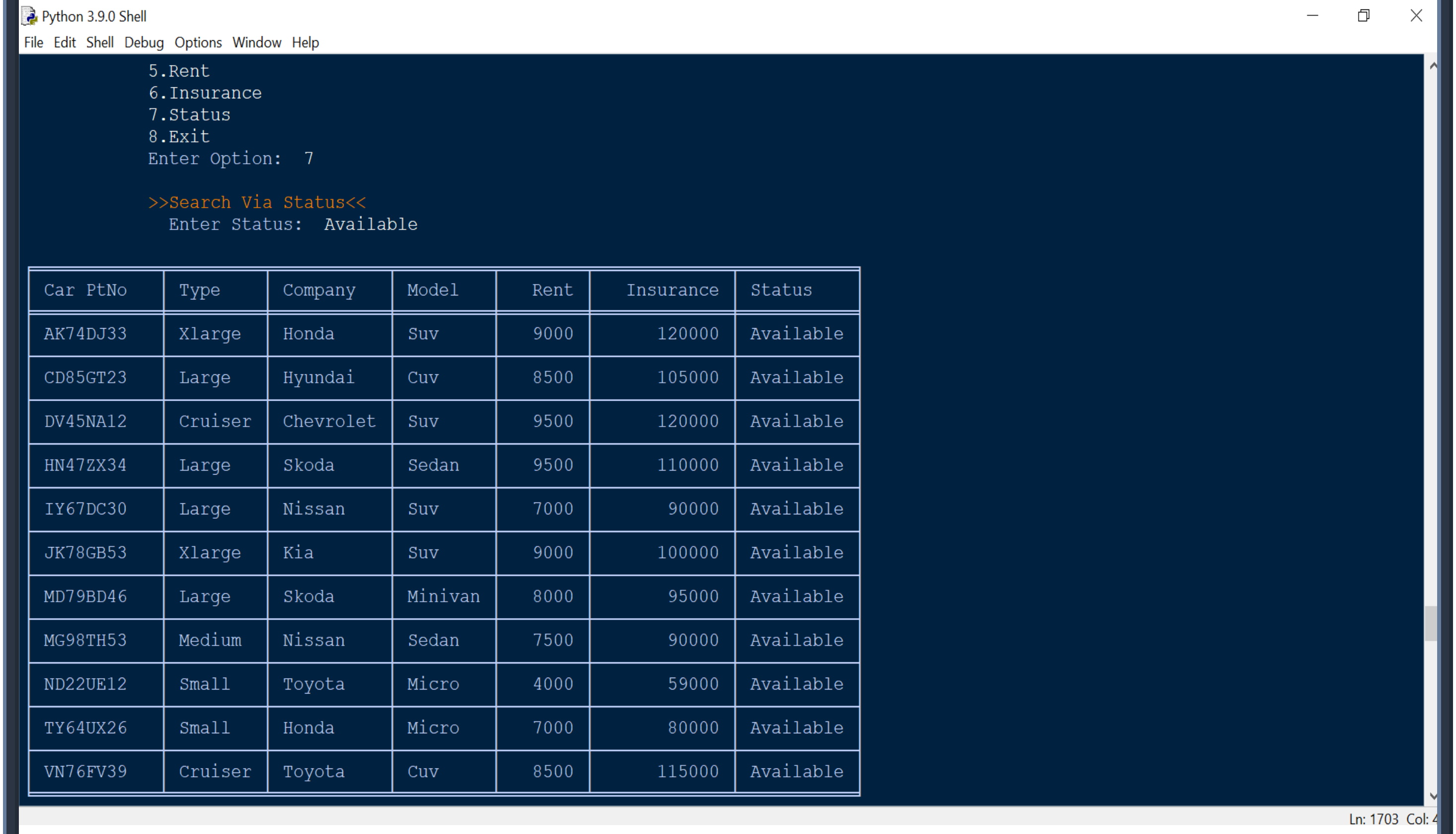
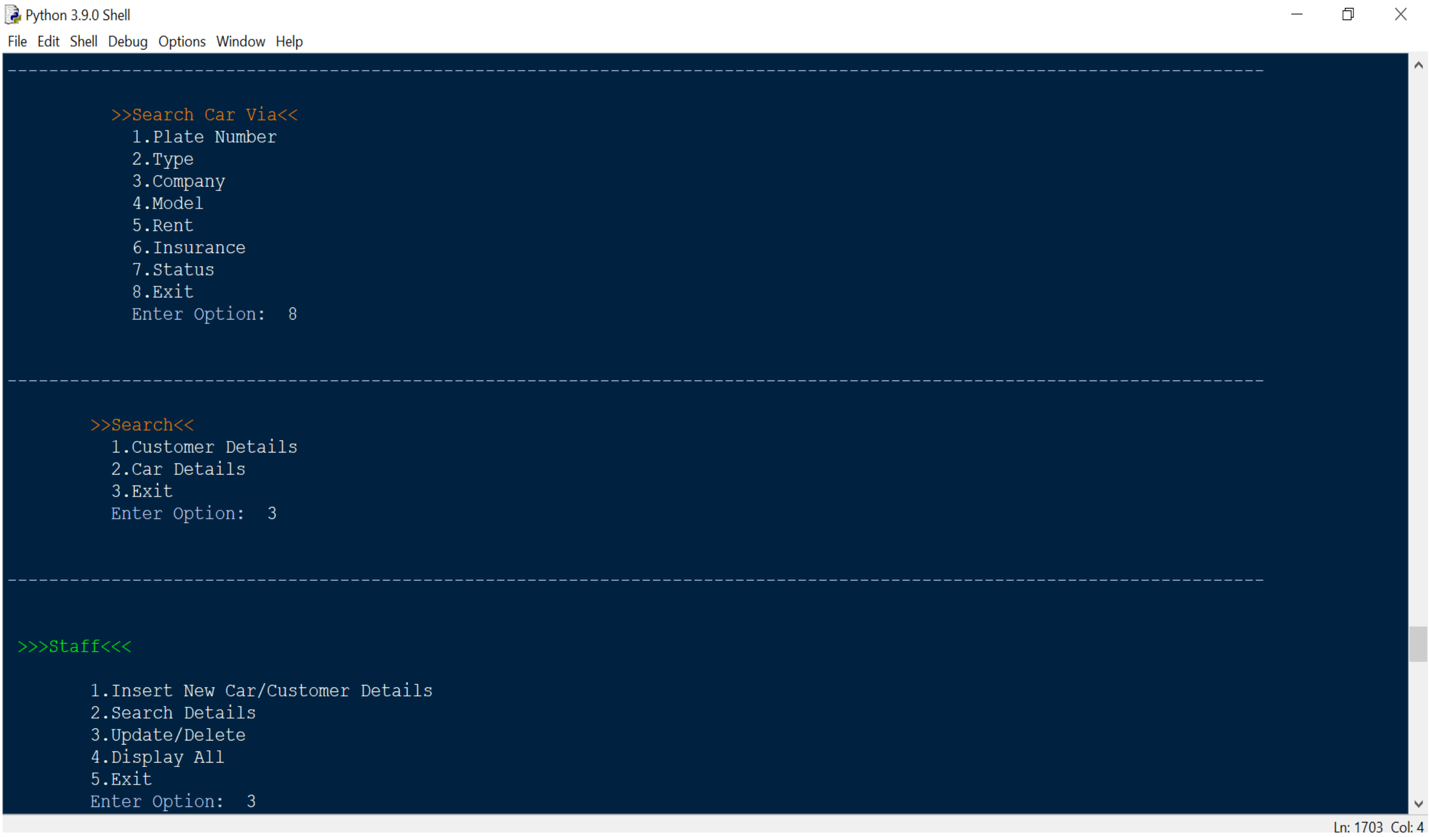



```
          >>Search Car Via<<
            1.Plate Number
            2.Type
            3.Company
            4.Model
            5.Rent
            6.Insurance
            7.Status
            8.Exit
            Enter Option:  6

            >>Search Via Insurance<<
              Enter Minimum Insurance:  90000
              Enter Maximum Insurance:  100000

+-----------+---------+----------+---------+------+-----------+---------------+
| Car PtNo  | Type    | Company  | Model   | Rent | Insurance | Status        |
+-----------+---------+----------+---------+------+-----------+---------------+
| AP09IG54  | Cruiser | Honda    | Suv     | 8000 |    100000 | Not Available |
| IY67DC30  | Large   | Nissan   | Suv     | 7000 |     90000 | Available     |
| JK78GB53  | Xlarge  | Kia      | Suv     | 9000 |    100000 | Available     |
| MD79BD46  | Large   | Skoda    | Minivan | 8000 |     95000 | Available     |
| MG98TH53  | Medium  | Nissan   | Sedan   | 7500 |     90000 | Available     |
| YU84BF22  | Xlarge  | Kia      | Cuv     | 9000 |    100000 | Not Available |
+-----------+---------+----------+---------+------+-----------+---------------+

-------------------------------------------------------------------------------------------------------------------------

          >>Search Car Via<<
```



```
            5.Rent
            6.Insurance
            7.Status
            8.Exit
            Enter Option:  7

            >>Search Via Status<<
              Enter Status:  Available

+-----------+---------+------------+---------+------+-----------+-----------+
| Car PtNo  | Type    | Company    | Model   | Rent | Insurance | Status    |
+-----------+---------+------------+---------+------+-----------+-----------+
| AK74DJ33  | Xlarge  | Honda      | Suv     | 9000 |    120000 | Available |
| CD85GT23  | Large   | Hyundai    | Cuv     | 8500 |    105000 | Available |
| DV45NA12  | Cruiser | Chevrolet  | Suv     | 9500 |    120000 | Available |
| HN47ZX34  | Large   | Skoda      | Sedan   | 9500 |    110000 | Available |
| IY67DC30  | Large   | Nissan     | Suv     | 7000 |     90000 | Available |
| JK78GB53  | Xlarge  | Kia        | Suv     | 9000 |    100000 | Available |
| MD79BD46  | Large   | Skoda      | Minivan | 8000 |     95000 | Available |
| MG98TH53  | Medium  | Nissan     | Sedan   | 7500 |     90000 | Available |
| ND22UE12  | Small   | Toyota     | Micro   | 4000 |     59000 | Available |
| TY64UX26  | Small   | Honda      | Micro   | 7000 |     80000 | Available |
| VN76FV39  | Cruiser | Toyota     | Cuv     | 8500 |    115000 | Available |
+-----------+---------+------------+---------+------+-----------+-----------+
```



```
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          >>Search Car Via<<
            1.Plate Number
            2.Type
            3.Company
            4.Model
            5.Rent
            6.Insurance
            7.Status
            8.Exit
            Enter Option:  8


-------------------------------------------------------------------------------------------------------------------------

        >>Search<<
          1.Customer Details
          2.Car Details
          3.Exit
          Enter Option:  3


-------------------------------------------------------------------------------------------------------------------------


 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  3
```

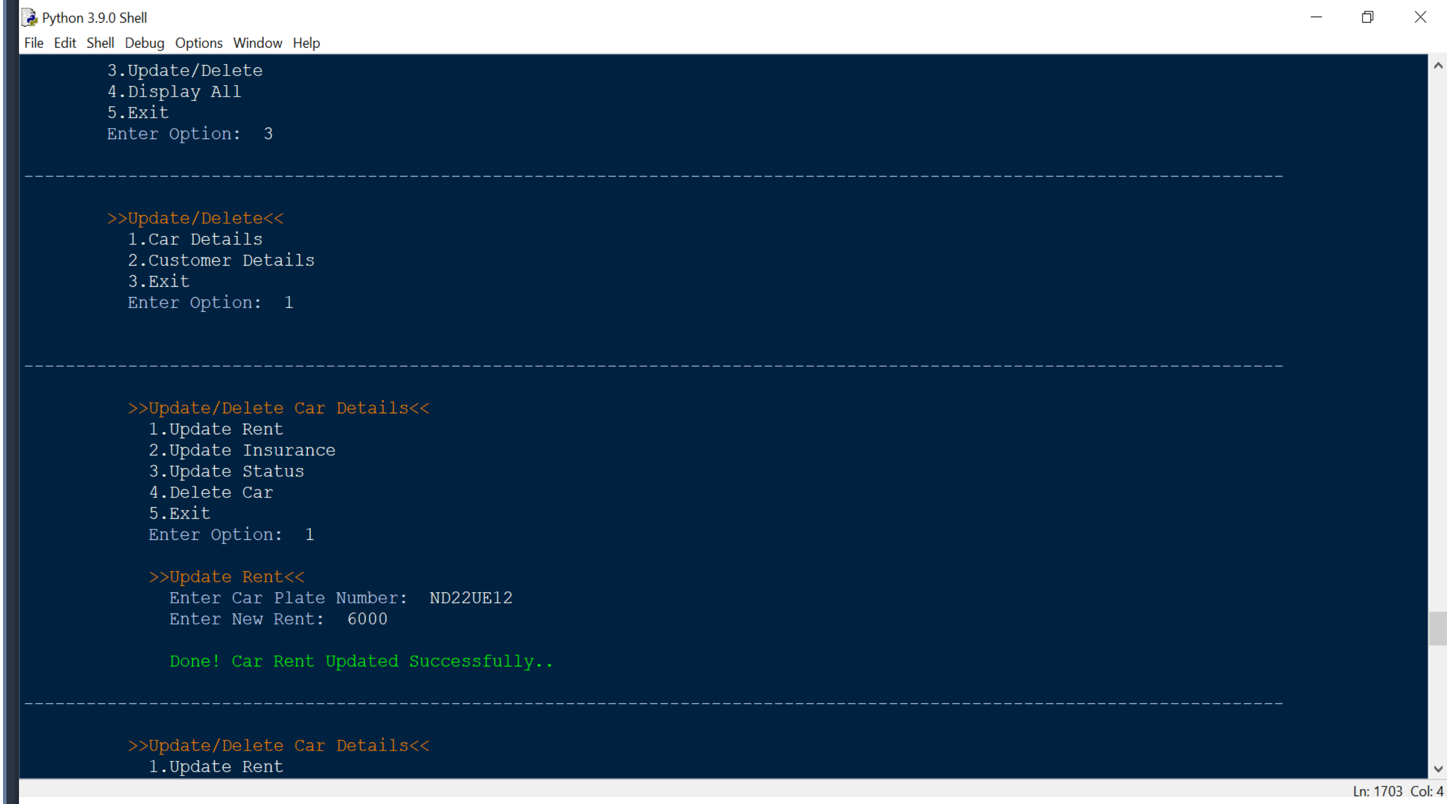

```
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  3

-------------------------------------------------------------------------------------------------------------------------

        >>Update/Delete<<
          1.Car Details
          2.Customer Details
          3.Exit
          Enter Option:  1


-------------------------------------------------------------------------------------------------------------------------

          >>Update/Delete Car Details<<
            1.Update Rent
            2.Update Insurance
            3.Update Status
            4.Delete Car
            5.Exit
            Enter Option:  1

            >>Update Rent<<
              Enter Car Plate Number:  ND22UE12
              Enter New Rent:  6000

              Done! Car Rent Updated Successfully..

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          >>Update/Delete Car Details<<
            1.Update Rent
```
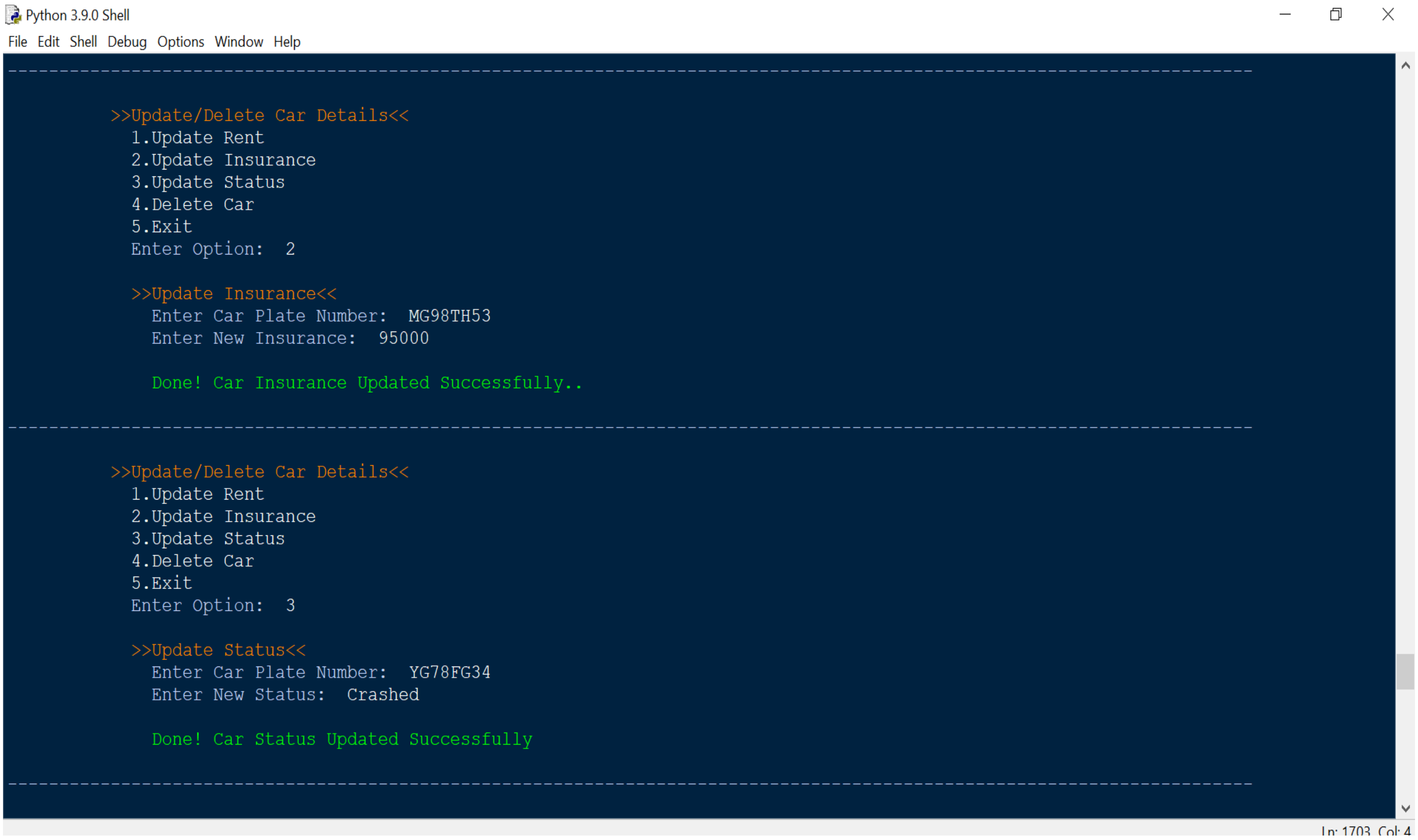
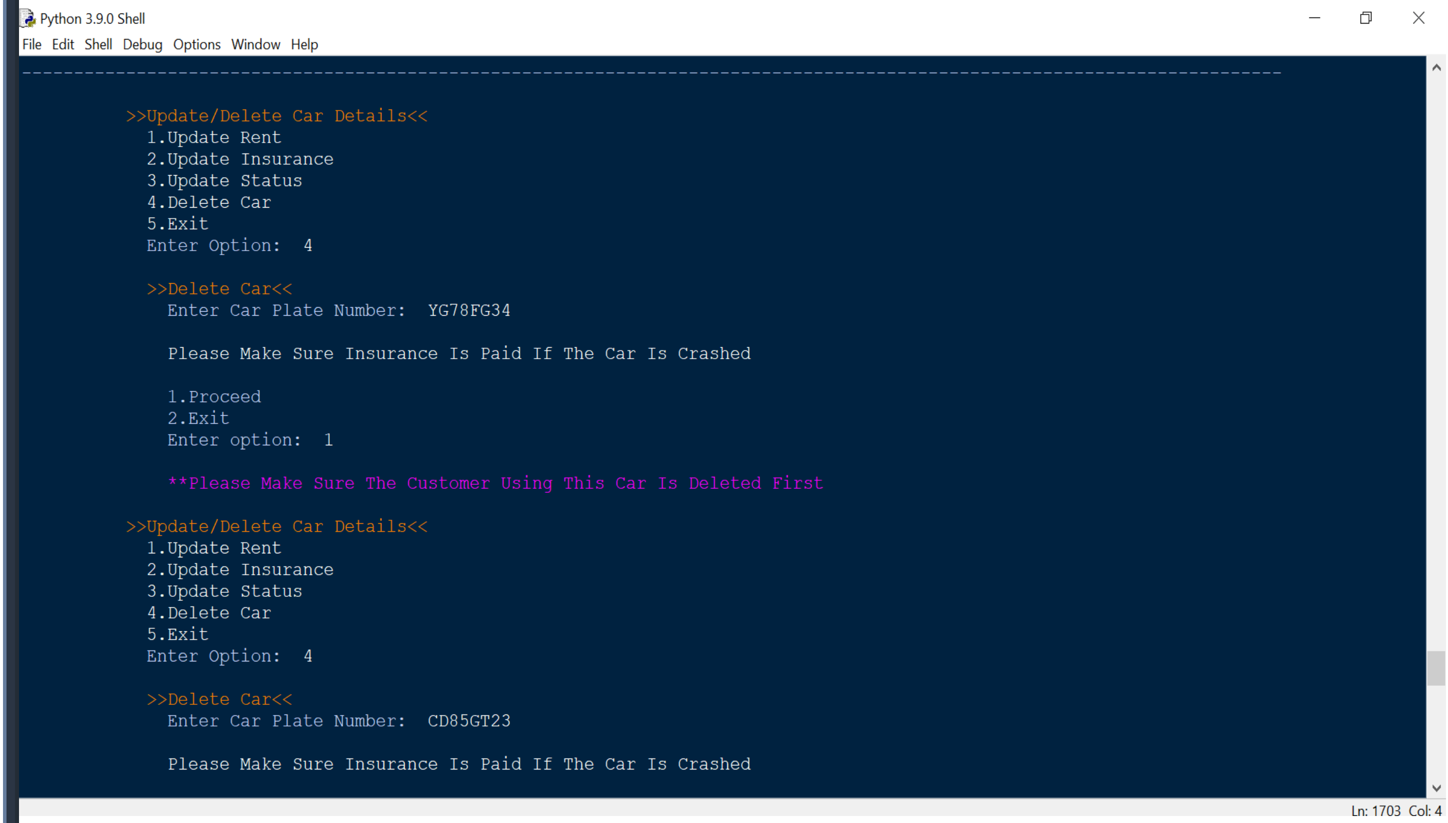
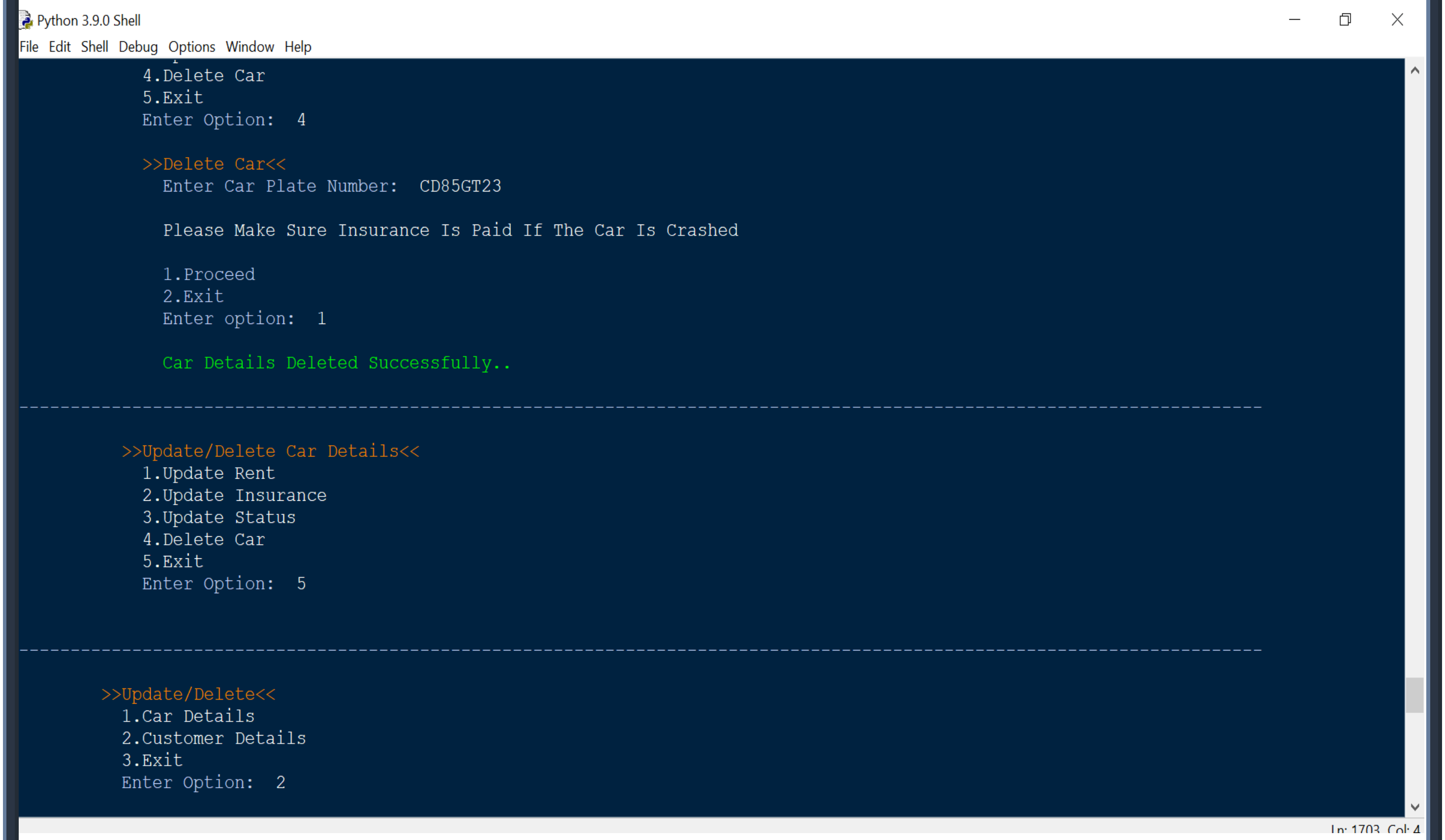



```
-------------------------------------------------------------------------------------------------------------------------

          >>Update/Delete Car Details<<
            1.Update Rent
            2.Update Insurance
            3.Update Status
            4.Delete Car
            5.Exit
            Enter Option:  2

            >>Update Insurance<<
              Enter Car Plate Number:  MG98TH53
              Enter New Insurance:  95000

              Done! Car Insurance Updated Successfully..

-------------------------------------------------------------------------------------------------------------------------

          >>Update/Delete Car Details<<
            1.Update Rent
            2.Update Insurance
            3.Update Status
            4.Delete Car
            5.Exit
            Enter Option:  3

            >>Update Status<<
              Enter Car Plate Number:  YG78FG34
              Enter New Status:  Crashed

              Done! Car Status Updated Successfully

-------------------------------------------------------------------------------------------------------------------------
```



```
-------------------------------------------------------------------------------------------------------------------------

          >>Update/Delete Car Details<<
            1.Update Rent
            2.Update Insurance
            3.Update Status
            4.Delete Car
            5.Exit
            Enter Option:  4

            >>Delete Car<<
              Enter Car Plate Number:  YG78FG34

              Please Make Sure Insurance Is Paid If The Car Is Crashed

              1.Proceed
              2.Exit
              Enter option:  1

              **Please Make Sure The Customer Using This Car Is Deleted First

          >>Update/Delete Car Details<<
            1.Update Rent
            2.Update Insurance
            3.Update Status
            4.Delete Car
            5.Exit
            Enter Option:  4

            >>Delete Car<<
              Enter Car Plate Number:  CD85GT23

              Please Make Sure Insurance Is Paid If The Car Is Crashed
```



```
            4.Delete Car
            5.Exit
            Enter Option:  4

            >>Delete Car<<
              Enter Car Plate Number:  CD85GT23

              Please Make Sure Insurance Is Paid If The Car Is Crashed

              1.Proceed
              2.Exit
              Enter option:  1

              Car Details Deleted Successfully..

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          >>Update/Delete Car Details<<
            1.Update Rent
            2.Update Insurance
            3.Update Status
            4.Delete Car
            5.Exit
            Enter Option:  5


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        >>Update/Delete<<
          1.Car Details
          2.Customer Details
          3.Exit
          Enter Option:  2
```
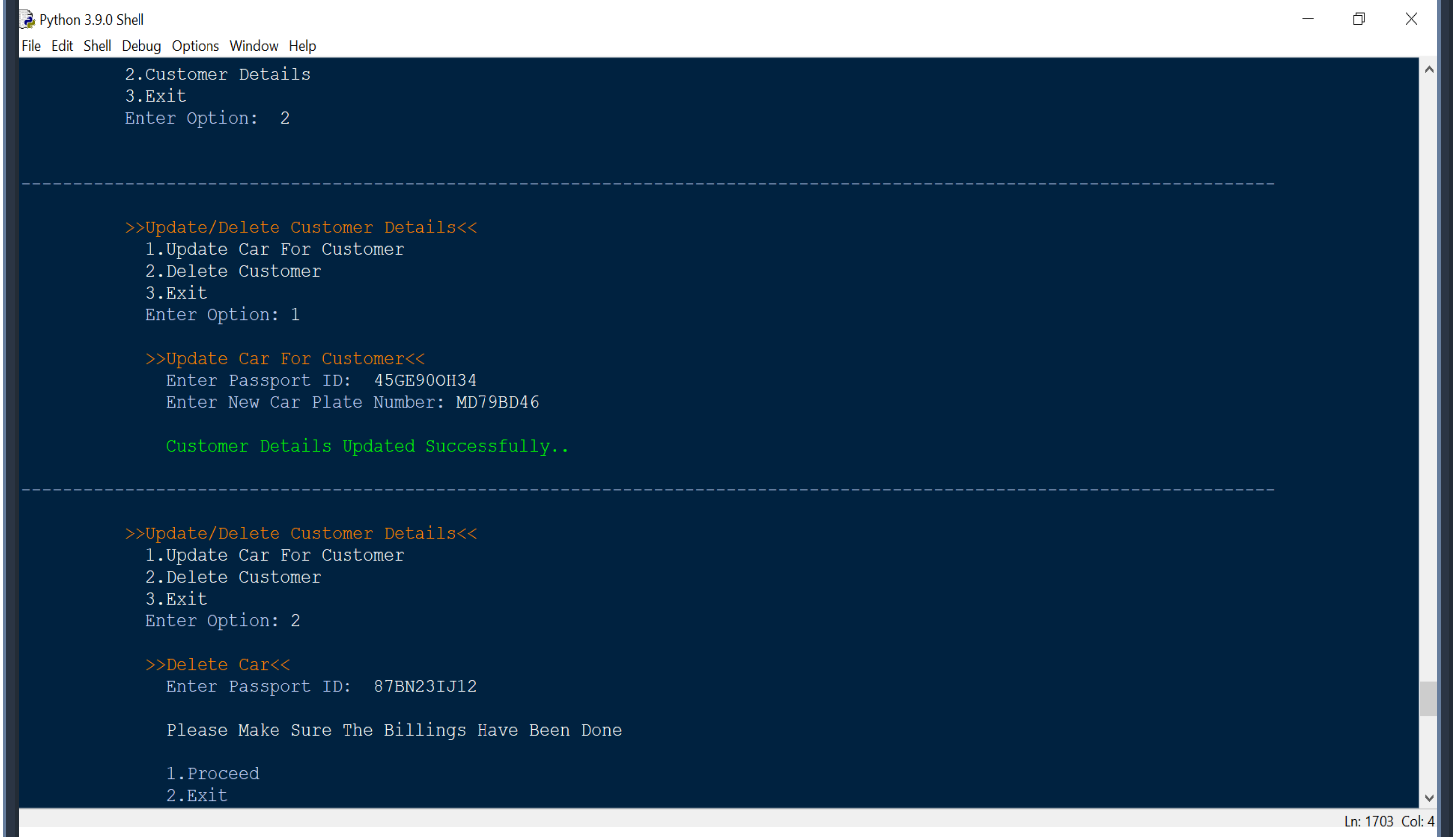
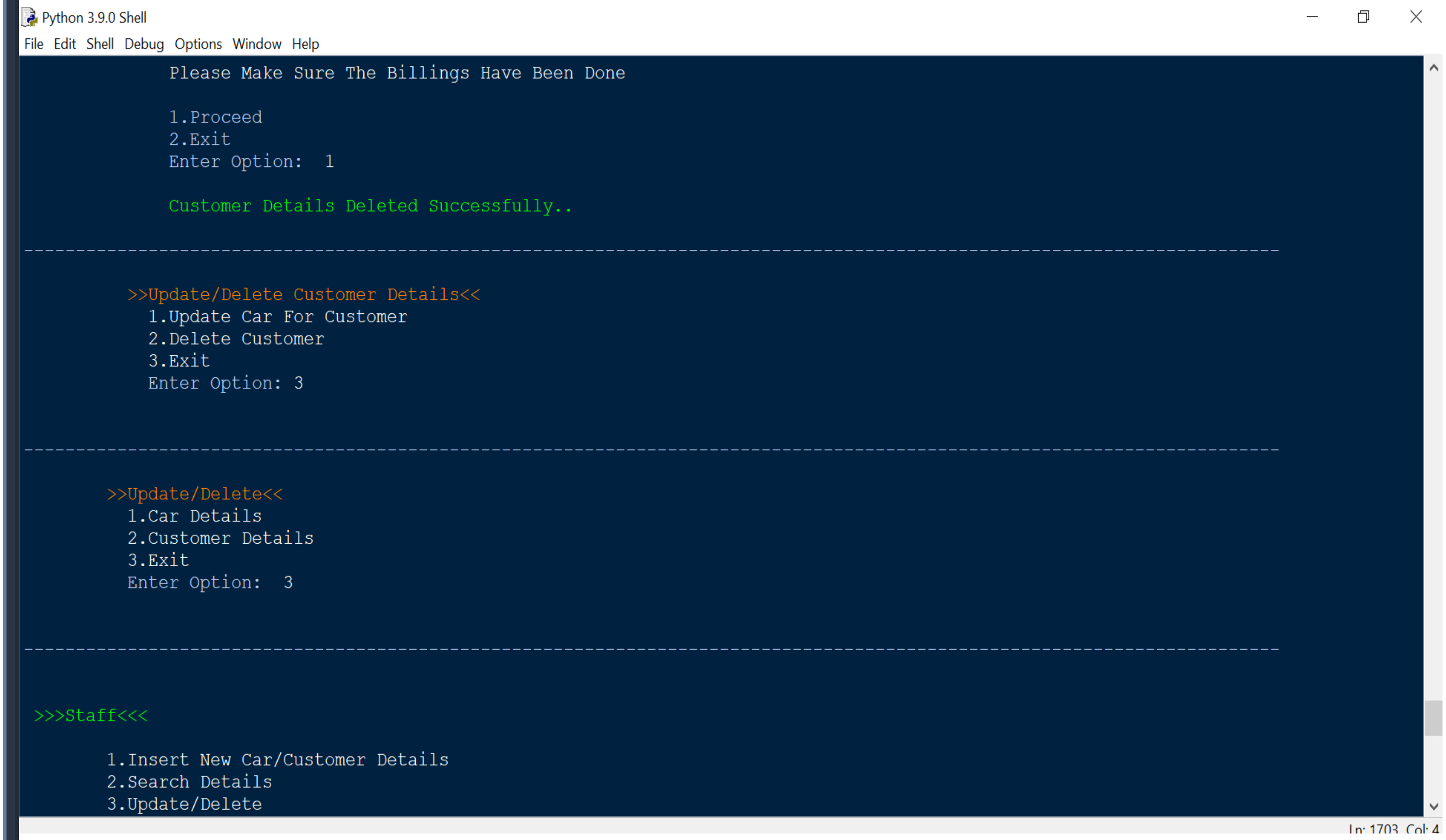
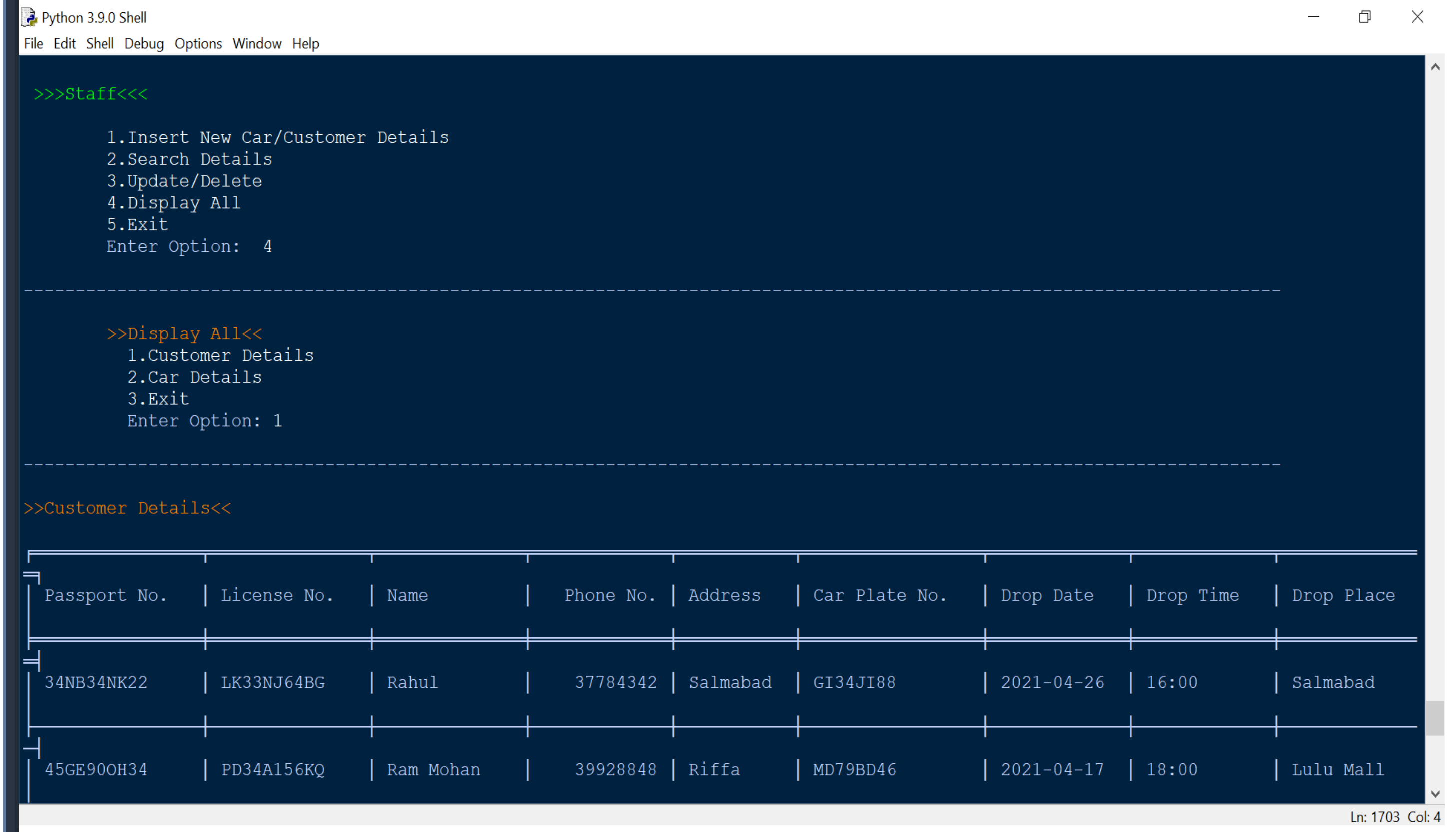



```
          2.Customer Details
          3.Exit
          Enter Option:  2


------------------------------------------------------------------------------------------------------------------------

          >>Update/Delete Customer Details<<
            1.Update Car For Customer
            2.Delete Customer
            3.Exit
            Enter Option: 1

            >>Update Car For Customer<<
              Enter Passport ID:  45GE90OH34
              Enter New Car Plate Number: MD79BD46

              Customer Details Updated Successfully..

------------------------------------------------------------------------------------------------------------------------

          >>Update/Delete Customer Details<<
            1.Update Car For Customer
            2.Delete Customer
            3.Exit
            Enter Option: 2

            >>Delete Car<<
              Enter Passport ID:  87BN23IJ12

              Please Make Sure The Billings Have Been Done

              1.Proceed
              2.Exit
```



```
              Please Make Sure The Billings Have Been Done

              1.Proceed
              2.Exit
              Enter Option:  1

              Customer Details Deleted Successfully..

------------------------------------------------------------------------------------------------------------------------

          >>Update/Delete Customer Details<<
            1.Update Car For Customer
            2.Delete Customer
            3.Exit
            Enter Option: 3


------------------------------------------------------------------------------------------------------------------------

        >>Update/Delete<<
          1.Car Details
          2.Customer Details
          3.Exit
          Enter Option:   3


------------------------------------------------------------------------------------------------------------------------


 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
```



```
 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:   4

------------------------------------------------------------------------------------------------------------------------

        >>Display All<<
          1.Customer Details
          2.Car Details
          3.Exit
          Enter Option: 1

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>>Customer Details<<

 ╒════════════════╤═══════════════╤══════════════╤════════════╤════════════╤═════════════════╤═════════════╤═════════════╤═══════════════╕
 │ Passport No.   │ License No.   │ Name         │  Phone No. │ Address    │ Car Plate No.   │ Drop Date   │ Drop Time   │ Drop Place    │
 ╞════════════════╪═══════════════╪══════════════╪════════════╪════════════╪═════════════════╪═════════════╪═════════════╪═══════════════╡
 │ 34NB34NK22     │ LK33NJ64BG    │ Rahul        │   37784342 │ Salmabad   │ GI34JI88        │ 2021-04-26  │ 16:00       │ Salmabad      │
 ├────────────────┼───────────────┼──────────────┼────────────┼────────────┼─────────────────┼─────────────┼─────────────┼───────────────┤
 │ 45GE90OH34     │ PD34A156KQ    │ Ram Mohan    │   39928848 │ Riffa      │ MD79BD46        │ 2021-04-17  │ 18:00       │ Lulu Mall     │
```

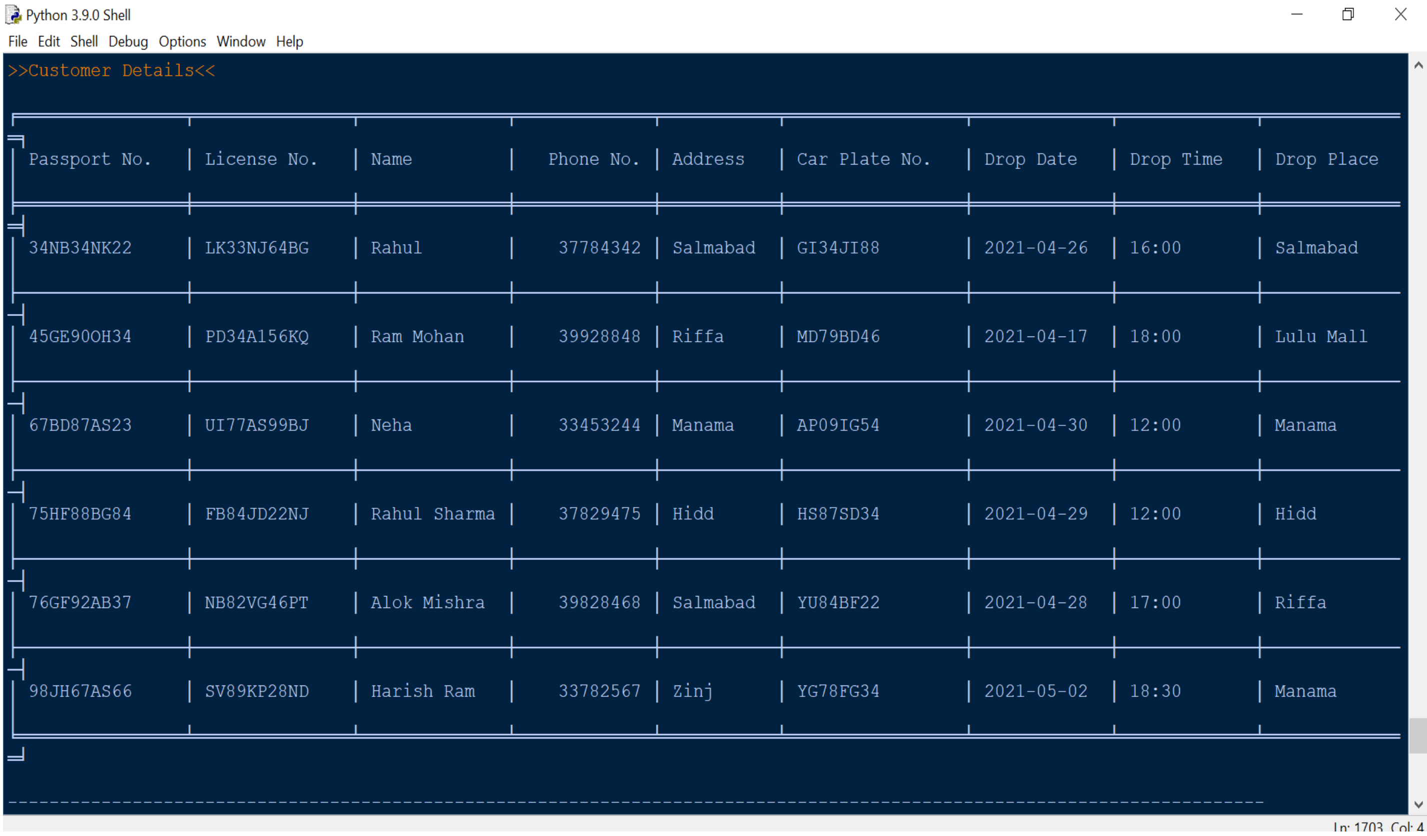

```
>>Customer Details<<

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│ Passport No.  │ License No.  │ Name         │   Phone No. │ Address  │ Car Plate No.  │ Drop Date   │ Drop Time   │ Drop Place  │
╞═══════════════╪══════════════╪══════════════╪═════════════╪══════════╪════════════════╪═════════════╪═════════════╪═════════════╡
│ 34NB34NK22    │ LK33NJ64BG   │ Rahul        │    37784342 │ Salmabad │ GI34JI88       │ 2021-04-26  │ 16:00       │ Salmabad    │
├───────────────┼──────────────┼──────────────┼─────────────┼──────────┼────────────────┼─────────────┼─────────────┼─────────────┤
│ 45GE90OH34    │ PD34A156KQ   │ Ram Mohan    │    39928848 │ Riffa    │ MD79BD46       │ 2021-04-17  │ 18:00       │ Lulu Mall   │
├───────────────┼──────────────┼──────────────┼─────────────┼──────────┼────────────────┼─────────────┼─────────────┼─────────────┤
│ 67BD87AS23    │ UI77AS99BJ   │ Neha         │    33453244 │ Manama   │ AP09IG54       │ 2021-04-30  │ 12:00       │ Manama      │
├───────────────┼──────────────┼──────────────┼─────────────┼──────────┼────────────────┼─────────────┼─────────────┼─────────────┤
│ 75HF88BG84    │ FB84JD22NJ   │ Rahul Sharma │    37829475 │ Hidd     │ HS87SD34       │ 2021-04-29  │ 12:00       │ Hidd        │
├───────────────┼──────────────┼──────────────┼─────────────┼──────────┼────────────────┼─────────────┼─────────────┼─────────────┤
│ 76GF92AB37    │ NB82VG46PT   │ Alok Mishra  │    39828468 │ Salmabad │ YU84BF22       │ 2021-04-28  │ 17:00       │ Riffa       │
├───────────────┼──────────────┼──────────────┼─────────────┼──────────┼────────────────┼─────────────┼─────────────┼─────────────┤
│ 98JH67AS66    │ SV89KP28ND   │ Harish Ram   │    33782567 │ Zinj     │ YG78FG34       │ 2021-05-02  │ 18:30       │ Manama      │
╘═══════════════╧══════════════╧══════════════╧═════════════╧══════════╧════════════════╧═════════════╧═════════════╧═════════════╛

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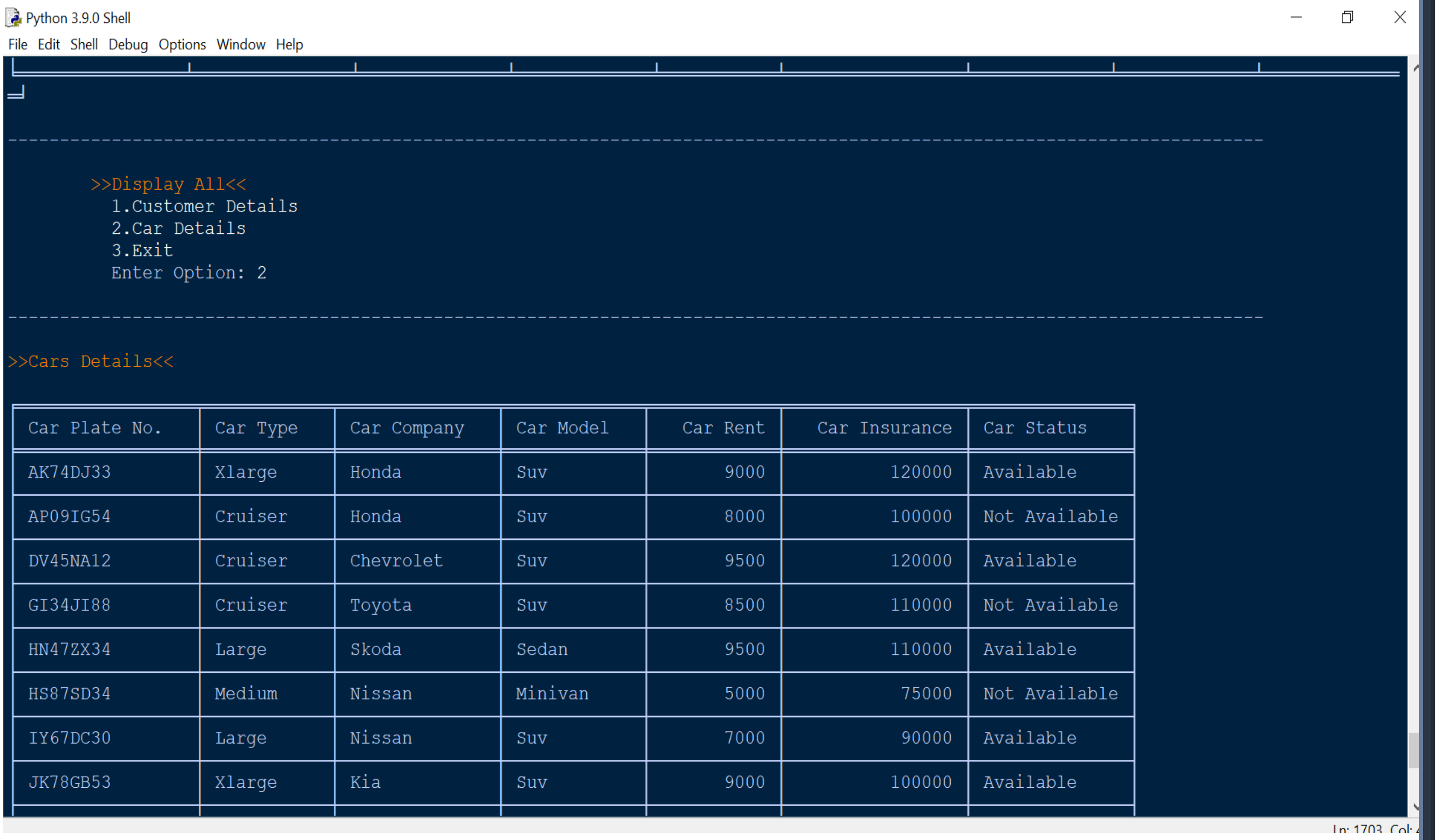

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        >>Display All<<
          1.Customer Details
          2.Car Details
          3.Exit
          Enter Option: 2

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>>Cars Details<<

╒═════════════════╤════════════╤═══════════════╤═════════════╤════════════╤═════════════════╤═══════════════╕
│ Car Plate No.   │ Car Type   │ Car Company   │ Car Model   │   Car Rent │   Car Insurance │ Car Status    │
╞═════════════════╪════════════╪═══════════════╪═════════════╪════════════╪═════════════════╪═══════════════╡
│ AK74DJ33        │ Xlarge     │ Honda         │ Suv         │       9000 │          120000 │ Available     │
├─────────────────┼────────────┼───────────────┼─────────────┼────────────┼─────────────────┼───────────────┤
│ AP09IG54        │ Cruiser    │ Honda         │ Suv         │       8000 │          100000 │ Not Available │
├─────────────────┼────────────┼───────────────┼─────────────┼────────────┼─────────────────┼───────────────┤
│ DV45NA12        │ Cruiser    │ Chevrolet     │ Suv         │       9500 │          120000 │ Available     │
├─────────────────┼────────────┼───────────────┼─────────────┼────────────┼─────────────────┼───────────────┤
│ GI34JI88        │ Cruiser    │ Toyota        │ Suv         │       8500 │          110000 │ Not Available │
├─────────────────┼────────────┼───────────────┼─────────────┼────────────┼─────────────────┼───────────────┤
│ HN47ZX34        │ Large      │ Skoda         │ Sedan       │       9500 │          110000 │ Available     │
├─────────────────┼────────────┼───────────────┼─────────────┼────────────┼─────────────────┼───────────────┤
│ HS87SD34        │ Medium     │ Nissan        │ Minivan     │       5000 │           75000 │ Not Available │
├─────────────────┼────────────┼───────────────┼─────────────┼────────────┼─────────────────┼───────────────┤
│ IY67DC30        │ Large      │ Nissan        │ Suv         │       7000 │           90000 │ Available     │
├─────────────────┼────────────┼───────────────┼─────────────┼────────────┼─────────────────┼───────────────┤
│ JK78GB53        │ Xlarge     │ Kia           │ Suv         │       9000 │          100000 │ Available     │
```
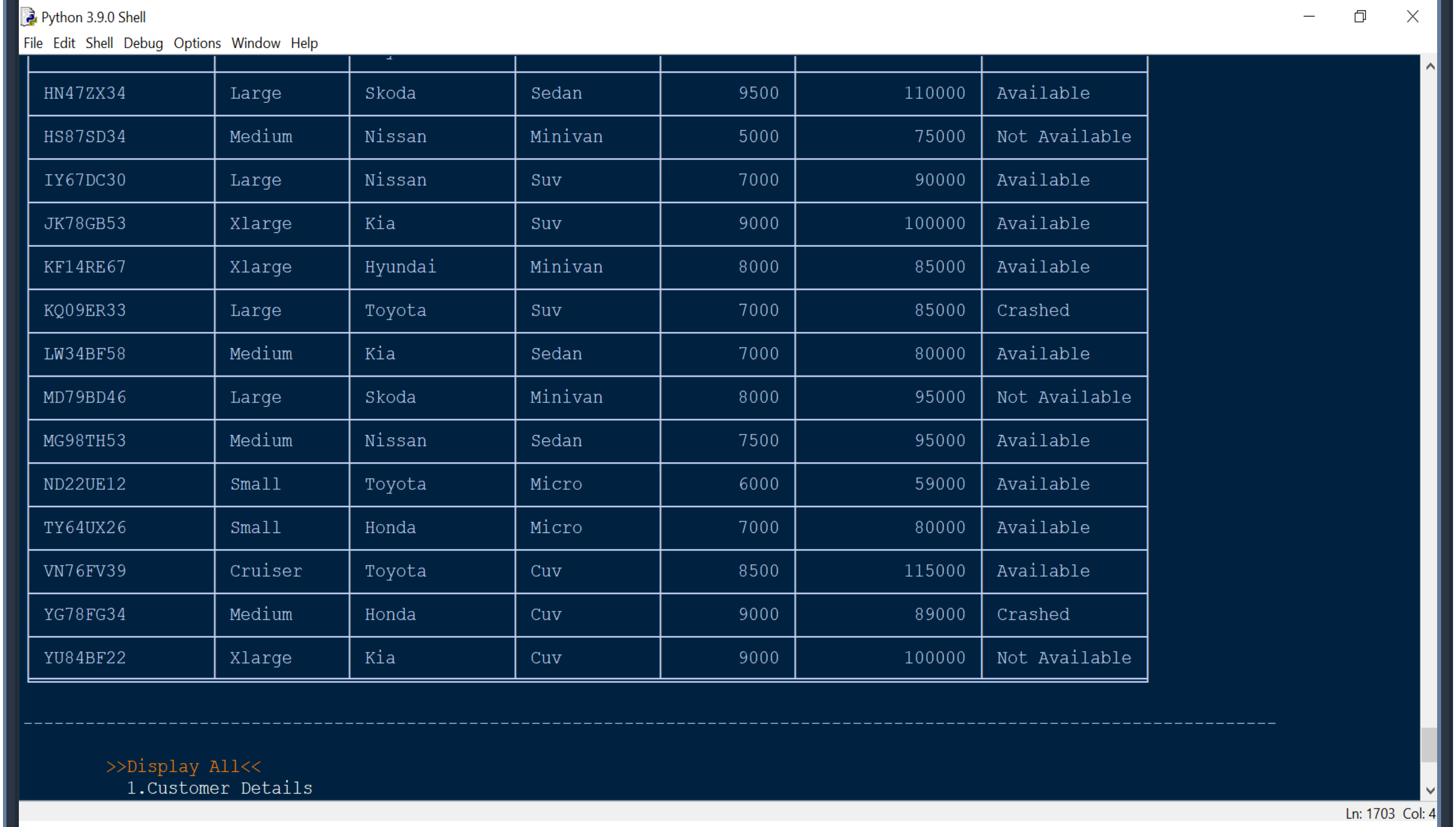
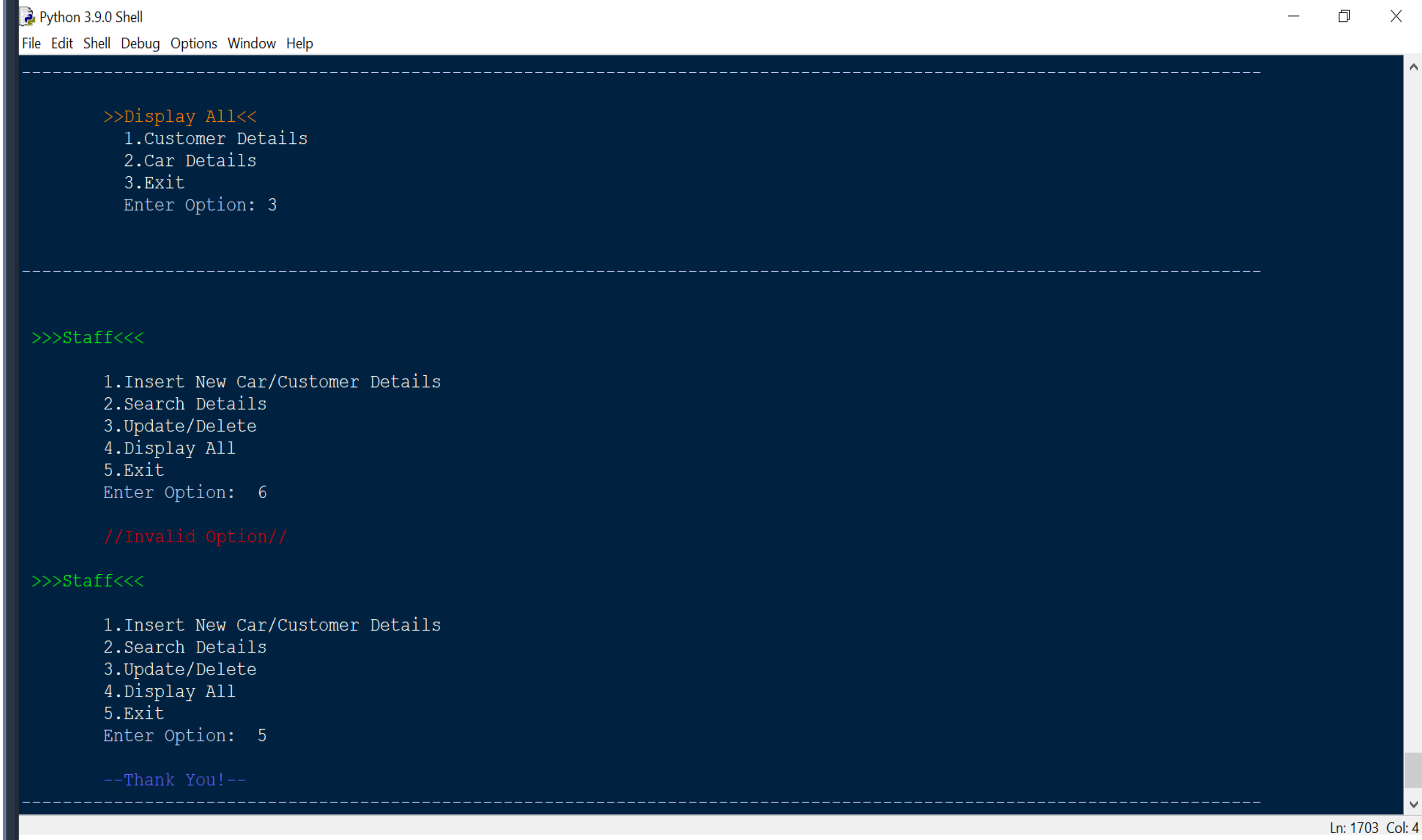
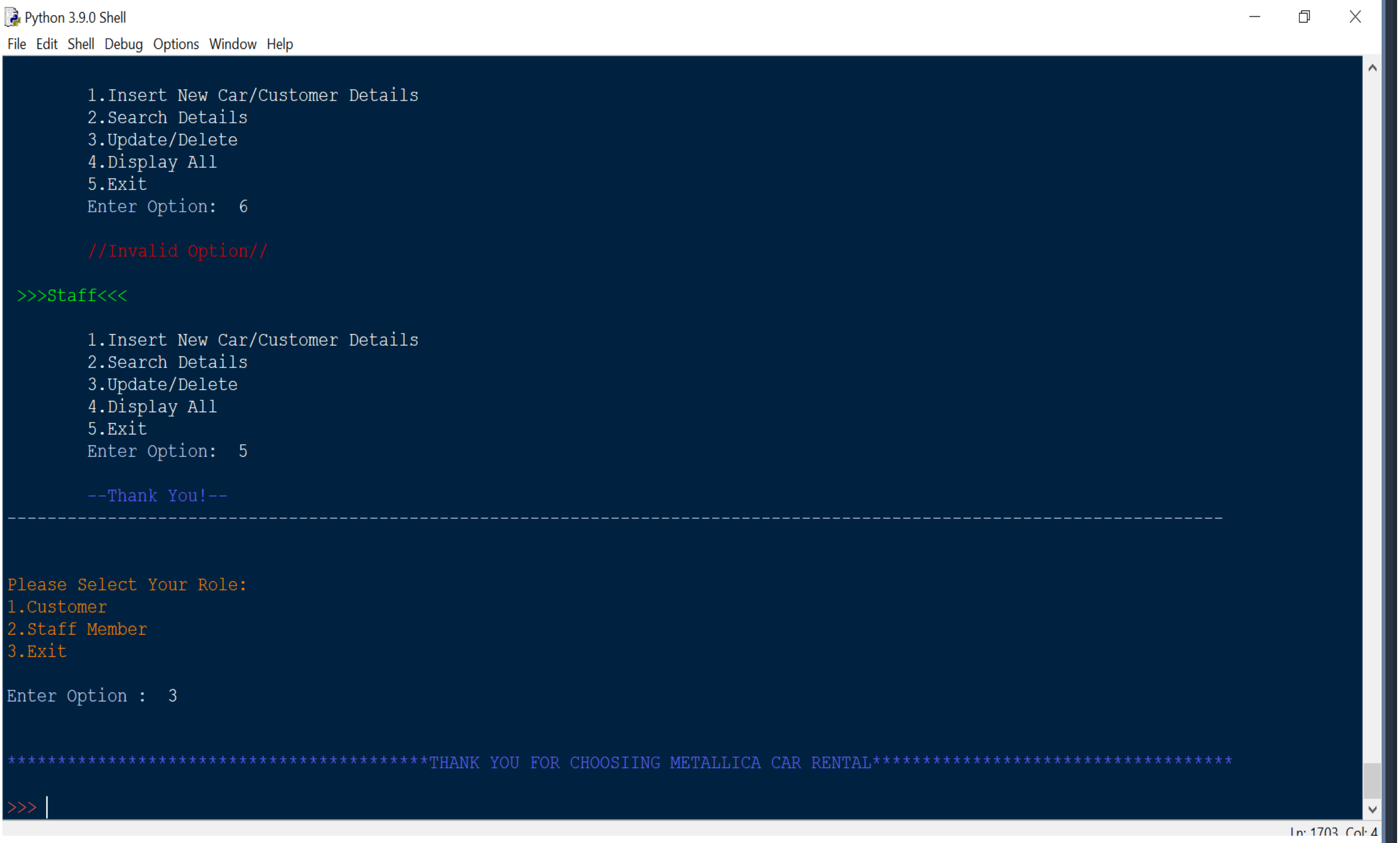



```
 HN47ZX34     Large     Skoda      Sedan       9500    110000   Available
 HS87SD34     Medium    Nissan     Minivan     5000     75000   Not Available
 IY67DC30     Large     Nissan     Suv         7000     90000   Available
 JK78GB53     Xlarge    Kia        Suv         9000    100000   Available
 KF14RE67     Xlarge    Hyundai    Minivan     8000     85000   Available
 KQ09ER33     Large     Toyota     Suv         7000     85000   Crashed
 LW34BF58     Medium    Kia        Sedan       7000     80000   Available
 MD79BD46     Large     Skoda      Minivan     8000     95000   Not Available
 MG98TH53     Medium    Nissan     Sedan       7500     95000   Available
 ND22UE12     Small     Toyota     Micro       6000     59000   Available
 TY64UX26     Small     Honda      Micro       7000     80000   Available
 VN76FV39     Cruiser   Toyota     Cuv         8500    115000   Available
 YG78FG34     Medium    Honda      Cuv         9000     89000   Crashed
 YU84BF22     Xlarge    Kia        Cuv         9000    100000   Not Available

------------------------------------------------------------------------------------------------------------------------

        >>Display All<<
          1.Customer Details
```



```
------------------------------------------------------------------------------------------------------------------------

        >>Display All<<
          1.Customer Details
          2.Car Details
          3.Exit
          Enter Option: 3


------------------------------------------------------------------------------------------------------------------------


 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  6

        //Invalid Option//

 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  5

        --Thank You!--
------------------------------------------------------------------------------------------------------------------------
```



```
        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  6

        //Invalid Option//

 >>>Staff<<<

        1.Insert New Car/Customer Details
        2.Search Details
        3.Update/Delete
        4.Display All
        5.Exit
        Enter Option:  5

        --Thank You!--
-------------------------------------------------------------------------------------------------------------------------


Please Select Your Role:
1.Customer
2.Staff Member
3.Exit

Enter Option :  3


******************************************THANK YOU FOR CHOOSIING METALLICA CAR RENTAL************************************

>>> 
```

CONCLUSION

Thus, we can conclude that by using a very good object-oriented and easily readable programming language like python, one could create programs to manage easy to sophisticated systems.