RAILWAY RESERVATION SYSTEM

RESERVATION DETAILS

PASSENGER DETAILS

TRAIN DETAILS

CANCELLATION DETAILS

**CODING :**

**import mysql.connector as sqltor**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**if mycon.is\_connected():**

**print('successfully connected to MySQL database')**

**else:**

**print('not connected')**

**def PASSENGER\_DETAILS():**

**print("\n\t\t PASSENGER DETAILS"**

**'\n\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'**

**'\n\t 1 . ADD NEW PASSENGER DATA '**

**'\n\t 2 . LIST OUT THE EXISTING PASSENGER DATA'**

**'\n\t 3 . UPDATE PASSENGER DATA'**

**'\n\t 4 . DELETE PASSENGER DATA'**

**'\n\t 5 . EXIT')**

**N=int(input('choose ur option:'))**

**if (N==1):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**while True:**

**A=input('enter passenger\_name:')**

**B=input('enter passenger\_AdharID(enter a sixteen digit no starting with nine):')**

**C=input('enter AGE:')**

**D=input('enter Phone\_Number:')**

**E=input('enter GENDER:')**

**F=input('enter ADDRESS:')**

**G=input('enter DATE\_OF\_TRAVEL:')**

**st="insert into PASSENGERS(passenger\_name,passenger\_AdharID,AGE,Phone\_Number,GENDER,ADDRESS,Date\_of\_Travel)values('{}','{}','{}','{}','{}','{}','{}')".format(A,B,C,D,E,F,G)**

**cursor.execute(st)**

**mycon.commit()**

**print("It has been added successfully")**

**x=input("enter True or False to continue:")**

**if (x==True):**

**continue**

**else:**

**break**

**return(PASSENGER\_DETAILS())**

**if (N==2):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**cursor.execute("select \* from PASSENGERS")**

**data=cursor.fetchall()**

**count=cursor.rowcount**

**print('total no of rows retrieved in the resultset:',count)**

**for row in data:**

**print(row)**

**return(PASSENGER\_DETAILS())**

**if (N==3):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**A=input("enter the passenger\_name that you want to change :")**

**B=input("enter the passenger\_AdharID that u want to change :")**

**C=input("enter the AGE that you want to change :")**

**D=input("enter the Phone\_Number that you want to change :")**

**E=input("enter the GENDER that you want to change :")**

**F=input("enter the ADDRESS that you want to change :")**

**G=input("enter the Date\_of\_Travel you want to change:")**

**H=input("enter the new passenger\_name :")**

**I=input("enter the new passenger\_AdharID :")**

**J=input("enter the new AGE :")**

**K=input("enter the new Phone\_Number :")**

**L=input("enter the new GENDER :")**

**M=input("enter the new ADDRESS :")**

**N=input("enter the new Date\_of\_Travel :")**

**print( '\n\t :UPDATING CHOICES:'**

**'\n 1 . update name alone'**

**'\n 2 . update Adhar\_ID alone'**

**'\n 3 . update AGE alone'**

**'\n 4 . update Phone number alone'**

**'\n 5 . update gender alone'**

**'\n 6 . update address alone'**

**'\n 7 . update DATE alone'**

**'\n 8 . list the updated data as a whole' )**

**while True:**

**ch=int(input("enter your choice:"))**

**if (ch==1):**

**at="UPDATE PASSENGERS SET passenger\_name='{}' WHERE passenger\_name='{}'".format(H,A)**

**cursor.execute(at)**

**mycon.commit()**

**if (ch==2):**

**bt="UPDATE PASSENGERS SET passenger\_AdharID='{}' WHERE passenger\_AdharID='{}'".format(I,B)**

**cursor.execute(bt)**

**mycon.commit()**

**if (ch==3):**

**ct="UPDATE PASSENGERS SET AGE='{}' WHERE AGE='{}'".format(J,C)**

**cursor.execute(ct)**

**mycon.commit()**

**if (ch==4):**

**dt="UPDATE PASSENGERS SET Phone\_Number='{}' WHERE Phone\_Number='{}'".format(K,D)**

**cursor.execute(dt)**

**mycon.commit()**

**if (ch==5):**

**et="UPDATE PASSENGERS SET GENDER='{}' WHERE GENDER='{}'".format(L,E)**

**cursor.execute(et)**

**mycon.commit()**

**if (ch==6):**

**ft="UPDATE PASSENGERS SET ADDRESS='{}' WHERE ADDRESS='{}'".format(M,F)**

**cursor.execute(ft)**

**mycon.commit()**

**if (ch==7):**

**gt="UPDATE PASSENGERS SET Date\_of\_Travel='{}' WHERE Date\_of\_Travel='{}'".format(N,G)**

**cursor.execute(gt)**

**mycon.commit()**

**if (ch==7):**

**at="UPDATE PASSENGERS SET passenger\_name='{}' WHERE passenger\_name='{}'".format(H,A)**

**bt="UPDATE PASSENGERS SET passenger\_AdharID='{}' WHERE passenger\_AdharID='{}'".format(I,B)**

**ct="UPDATE PASSENGERS SET AGE='{}' WHERE AGE='{}'".format(J,C)**

**dt="UPDATE PASSENGERS SET Phone\_Number='{}' WHERE Phone\_Number='{}'".format(K,D)**

**et="UPDATE PASSENGERS SET GENDER='{}' WHERE GENDER='{}'".format(L,E)**

**ft="UPDATE PASSENGERS SET ADDRESS='{}' WHERE ADDRESS='{}'".format(M,F)**

**gt="UPDATE PASSENGERS SET Date\_of\_Travel='{}' WHERE Date\_of\_Travel='{}'".format(N,G)**

**cursor.execute(at)**

**cursor.execute(bt)**

**cursor.execute(ct)**

**cursor.execute(dt)**

**cursor.execute(et)**

**cursor.execute(ft)**

**cursor.execute(gt)**

**mycon.commit()**

**print("successfully updated")**

**x=input("enter (yes) if you want to continue updating or (no) if u want to skip the process:")**

**k='yes'**

**o='no'**

**if (x==k):**

**continue**

**else:**

**break**

**return(PASSENGER\_DETAILS())**

**if (N==4):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**A=input("enter the passenger name :")**

**B=input("enter the passenger Adhar\_ID :")**

**C=input("enter the AGE :")**

**D=input("enter the Phone number :")**

**E=input("enter the GENDER :")**

**F=input("enter the ADDRESS :")**

**G=input("enter the DATE :")**

**print( '\n\t :DELETING CHOICES:'**

**'\n 1 . delete the data using name alone'**

**'\n 2 . delete the data using Adhar\_ID alone'**

**'\n 3 . delete the data using AGE alone'**

**'\n 4 . delete the data using Phone number alone'**

**'\n 5 . delete the data using gender alone'**

**'\n 6 . delete the data using address alone'**

**'\n 7 . delete the data using date of travel alone'**

**'\n 8 . delete the data as a whole' )**

**DEL=int(input("enter your choice:"))**

**if (DEL==1):**

**qa="DELETE from PASSENGERS where passenger\_name='{}'".format(A)**

**cursor.execute(qa)**

**mycon.commit()**

**if (DEL==2):**

**qb="DELETE from PASSENGERS where passenger\_AdharID='{}'".format(B)**

**cursor.execute(qb)**

**mycon.commit()**

**if (DEL==3):**

**qc="DELETE from PASSENGERS where AGE='{}'".format(C)**

**cursor.execute(qc)**

**mycon.commit()**

**if (DEL==4):**

**qd="DELETE from PASSENGERS where Phone\_Number='{}'".format(D)**

**cursor.execute(qd)**

**mycon.commit()**

**if (DEL==5):**

**qe="DELETE from PASSENGERS where GENDER='{}'".format(E)**

**cursor.execute(qe)**

**mycon.commit()**

**if (DEL==6):**

**qf="DELETE from PASSENGERS where ADDRESS='{}'".format(F)**

**cursor.execute(qf)**

**mycon.commit()**

**if (DEL==7):**

**qg="DELETE from PASSENGERS where Date\_of\_Travel='{}'".format(G)**

**cursor.execute(qg)**

**mycon.commit()**

**if (DEL==8):**

**qh="DELETE from PASSENGERS"**

**cursor.execute(qg)**

**mycon.commit()**

**print('successfully deleted')**

**return(PASSENGER\_DETAILS())**

**if (N==5):**

**print('\n thank u')**

**return(MAIN\_PROGRAM())**

**def TRAIN\_DETAILS():**

**print("\n\t\t TRAIN DETAILS"**

**'\n\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'**

**'\n\t 1 . ADD NEW TRAIN DATA'**

**'\n\t 2 . LIST OUT THE EXISTING TRAIN DATA'**

**'\n\t 3 . UPDATE DATA'**

**'\n\t 4 . DELETE DATA'**

**'\n\t 5 . EXIT')**

**N=int(input('choose ur option:'))**

**if (N==1):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**while True:**

**A=input('enter Train\_name:')**

**B=input('enter Train\_ID(eg:02XXX):')**

**C=input('enter CLASS\_DETAILS:')**

**D=input('enter starting\_point:')**

**E=input('enter via:')**

**F=input('enter destination:')**

**G=input('enter No\_of\_KMS:')**

**H=input('enter starting\_time:')**

**I=input('enter No\_of\_Hrs:')**

**pt="insert into TRAIN(Train\_name,Train\_ID,CLASS\_DETAILS,starting\_point,via,destination,No\_of\_KMS,starting\_time,No\_of\_Hrs)values('{}','{}','{}','{}','{}','{}','{}','{}','{}')".format(A,B,C,D,E,F,G,H,I)**

**cursor.execute(pt)**

**mycon.commit()**

**print("it has been added successfully")**

**x=input("enter True or False to continue:")**

**if (x==True):**

**continue**

**else:**

**break**

**return(TRAIN\_DETAILS())**

**if (N==2):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**cursor.execute("select \* from TRAIN")**

**data=cursor.fetchall()**

**count=cursor.rowcount**

**print('total no of rows retrieved in the resultset:',count)**

**for row in data:**

**print(row)**

**return(TRAIN\_DETAILS())**

**if (N==3):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**A=input("enter the train name that you want to change :")**

**B=input("enter the train ID that u want to change :")**

**C=input("enter the CLASS DETAILS that you want to change :")**

**D=input("enter the starting point that you want to change :")**

**E=input("enter the (via) that you want to change :")**

**F=input("enter the destination that you want to change :")**

**G=input("enter the KMS that you want to change :")**

**H=input("enter the starting time that you want to change :")**

**I=input("enter the No\_of\_Hrs that you want to change :")**

**J=input("enter the new train name :")**

**K=input("enter the new train ID :")**

**L=input("enter the new CLASS DETAILS :")**

**M=input("enter the new starting point :")**

**N=input("enter the new (via) :")**

**O=input("enter the new destination :")**

**P=input("enter the new KMS :")**

**Q=input("enter the new starting time :")**

**R=input("enter the new No\_of\_Hrs :")**

**print( '\n\t :UPDATING CHOICES:'**

**'\n 1 . update train name alone'**

**'\n 2 . update train ID alone'**

**'\n 3 . update CLASS DETAILS alone'**

**'\n 4 . update starting point alone'**

**'\n 5 . update (via) alone'**

**'\n 6 . update destination alone'**

**'\n 7 . update no of KMS alone'**

**'\n 8 . update starting\_time alone'**

**'\n 9 . update No\_of\_Hrs alone'**

**'\n 10 . list the updated data as a whole' )**

**while True:**

**ch=int(input("enter your choice:"))**

**if (ch==1):**

**at="UPDATE TRAIN SET Train\_name='{}' WHERE Train\_name='{}'".format(J,A)**

**cursor.execute(at)**

**mycon.commit()**

**if (ch==2):**

**bt="UPDATE TRAIN SET Train\_ID='{}' WHERE Train\_ID='{}'".format(K,B)**

**cursor.execute(bt)**

**mycon.commit()**

**if (ch==3):**

**ct="UPDATE TRAIN SET CLASS\_DETAILS='{}' WHERE CLASS\_DETAILS='{}'".format(L,C)**

**cursor.execute(ct)**

**mycon.commit()**

**if (ch==4):**

**dt="UPDATE TTRAIN SET starting\_point='{}' WHERE starting\_point='{}'".format(M,D)**

**cursor.execute(dt)**

**mycon.commit()**

**if (ch==5):**

**et="UPDATE TRAIN SET via='{}' WHERE via='{}'".format(N,E)**

**cursor.execute(et)**

**mycon.commit()**

**if (ch==6):**

**ft="UPDATE TRAIN SET destination='{}' WHERE destination='{}'".format(O,F)**

**cursor.execute(et)**

**mycon.commit()**

**if (ch==7):**

**gt="UPDATE TRAIN SET No\_of\_KMS='{}' WHERE No\_of\_KMS='{}'".format(P,G)**

**cursor.execute(et)**

**mycon.commit()**

**if (ch==8):**

**ht="UPDATE TRAIN SET starting\_time='{}' WHERE starting\_time='{}'".format(Q,H)**

**cursor.execute(et)**

**mycon.commit()**

**if (ch==9):**

**it="UPDATE TRAIN SET No\_of\_Hrs='{}' WHERE No\_of\_Hrs='{}'".format(R,I)**

**cursor.execute(et)**

**mycon.commit()**

**if (ch==10):**

**at="UPDATE TRAIN SET Train\_name='{}' WHERE Train\_name='{}'".format(J,A)**

**bt="UPDATE TRAIN SET Train\_ID='{}' WHERE Train\_ID='{}'".format(K,B)**

**ct="UPDATE TRAIN SET CLASS\_DETAILS='{}' WHERE CLASS\_DETAILS='{}'".format(L,C)**

**dt="UPDATE TRAIN SET starting\_point='{}' WHERE starting\_point='{}'".format(M,D)**

**et="UPDATE TRAIN SET via='{}' WHERE via='{}'".format(N,E)**

**ft="UPDATE TRAIN SET destination='{}' WHERE destination='{}'".format(O,F)**

**gt="UPDATE TRAIN SET No\_of\_KMS='{}' WHERE No\_of\_KMS='{}'".format(P,G)**

**ht="UPDATE TRAIN SET starting\_time='{}' WHERE starting\_time='{}'".format(Q,H)**

**it="UPDATE TRAIN SET No\_of\_Hrs='{}' WHERE No\_of\_Hrs='{}'".format(R,I)**

**cursor.execute(at)**

**cursor.execute(bt)**

**cursor.execute(ct)**

**cursor.execute(dt)**

**cursor.execute(et)**

**cursor.execute(ft)**

**cursor.execute(gt)**

**cursor.execute(ht)**

**cursor.execute(it)**

**mycon.commit()**

**print("successfully updated")**

**x=input("enter (yes) if you want to continue updating or (no) if u want to skip the process:")**

**k='yes'**

**o='no'**

**if (x==k):**

**continue**

**else:**

**break**

**return(TRAIN\_DETAILS())**

**if (N==4):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**A=input("enter the Train name :")**

**B=input("enter the Train\_ID :")**

**C=input("enter the CLASS\_DETAILS :")**

**D=input("enter the starting point :")**

**E=input("enter the via :")**

**F=input("enter the destination :")**

**G=input("enter the No\_of\_KMS :")**

**H=input("enter the starting\_time :")**

**I=input("enter the No\_of\_Hrs :")**

**print( '\n\t :DELETING CHOICES:'**

**'\n 1 . delete the data using name alone'**

**'\n 2 . delete the data using ID alone'**

**'\n 3 . delete the data using CLASS\_DETAILS alone'**

**'\n 4 . delete the data using starting point alone'**

**'\n 5 . delete the data using via alone'**

**'\n 6 . delete the data using destination alone'**

**'\n 7 . delete the data using No\_of\_KMS alone'**

**'\n 8 . delete the data using starting\_time alone'**

**'\n 9 . delete the data using No\_of\_Hrs alone'**

**'\n 10 . delete the data as a whole' )**

**DEL=int(input("enter your choice:"))**

**if (DEL==1):**

**qa="DELETE from TRAIN where Train\_name='{}'".format(A)**

**cursor.execute(qa)**

**mycon.commit()**

**if (DEL==2):**

**qb="DELETE from TRAIN where Train\_ID='{}'".format(B)**

**cursor.execute(qb)**

**mycon.commit()**

**if (DEL==3):**

**qc="DELETE from TRAIN where CLASS\_DETAILS='{}'".format(C)**

**cursor.execute(qc)**

**mycon.commit()**

**if (DEL==4):**

**qd="DELETE from TRAIN where starting point='{}'".format(D)**

**cursor.execute(qd)**

**mycon.commit()**

**if (DEL==5):**

**qe="DELETE from TRAIN where via='{}'".format(E)**

**cursor.execute(qe)**

**mycon.commit()**

**if (DEL==6):**

**qf="DELETE from TRAIN where destination='{}'".format(F)**

**cursor.execute(qf)**

**mycon.commit()**

**if (DEL==7):**

**qg="DELETE from TRAIN where No\_of\_KMS='{}'".format(G)**

**cursor.execute(qg)**

**mycon.commit()**

**if (DEL==8):**

**qh="DELETE from TRAIN where starting\_time='{}'".format(H)**

**cursor.execute(qh)**

**mycon.commit()**

**if (DEL==9):**

**qi="DELETE from TRAIN where No\_of\_Hrs='{}'".format(I)**

**cursor.execute(qi)**

**mycon.commit()**

**if (DEL==10):**

**qj="DELETE from TRAIN"**

**cursor.execute(qj)**

**mycon.commit()**

**print('successfully deleted')**

**return(TRAIN\_DETAILS())**

**if (N==5):**

**print('thank u')**

**return(MAIN\_PROGRAM())**

**def RESERVATION\_DETAILS():**

**print("\n\t\t RESERVATION DETAILS"**

**'\n\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'**

**'\n\t 1 . ADD NEW RESERVATION DATA'**

**'\n\t 2 . LIST OUT THE EXISTING RESERVATION DATA'**

**'\n\t 3 . UPDATE DATA'**

**'\n\t 4 . EXIT' )**

**N=int(input('choose ur option:'))**

**if (N==1):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**while True:**

**A=input('enter passenger\_ID:')**

**B=input('enter Train\_name:')**

**C=input('enter Train\_ID:')**

**D=input('enter CLASS:')**

**E=input('enter PRICE:')**

**pt="insert into RESERVATION\_DETAILS(passenger\_ID,Train\_name,Train\_ID,CLASS,PRICE)values('{}','{}','{}','{}','{}')".format(A,B,C,D,E)**

**cursor.execute(pt)**

**mycon.commit()**

**print("it has been added successfully")**

**x=input("enter True or False to continue:")**

**if (x==True):**

**continue**

**else:**

**break**

**return(RESERVATION\_DETAILS())**

**if (N==2):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**cursor.execute("select \* from RESERVATION\_DETAILS")**

**data=cursor.fetchall()**

**count=cursor.rowcount**

**print('total no of rows retrieved in the resultset:',count)**

**for row in data:**

**print(row)**

**return(RESERVATION\_DETAILS())**

**if (N==3):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**A=input("enter the passenger ID that you want to change :")**

**B=input("enter the train name that u want to change :")**

**C=input("enter the train ID that you want to change :")**

**D=input("enter the CLASS that you want to change :")**

**E=input("enter the PRICE that you want to change :")**

**F=input("enter the new passenger ID :")**

**G=input("enter the new train name :")**

**H=input("enter the new train ID :")**

**I=input("enter the new CLASS :")**

**J=input("enter the new PRICE :")**

**print( '\n\t :UPDATING CHOICES:'**

**'\n 1 . update passenger ID alone'**

**'\n 2 . update train name alone'**

**'\n 3 . update train ID alone'**

**'\n 4 . update CLASS alone'**

**'\n 5 . update PRICE alone'**

**'\n 6 . list the updated data as a whole' )**

**while True:**

**ch=int(input("enter your choice:"))**

**if (ch==1):**

**at="UPDATE RESERVATION\_DETAILS SET passenger\_ID ='{}' WHERE passenger\_ID ='{}'".format(F,A)**

**cursor.execute(at)**

**mycon.commit()**

**if (ch==2):**

**bt="UPDATE RESERVATION\_DETAILS SET Train\_name ='{}' WHERE Train\_name ='{}'".format(G,B)**

**cursor.execute(bt)**

**mycon.commit()**

**if (ch==3):**

**ct="UPDATE RESERVATION\_DETAILS SET Train\_ID ='{}' WHERE Train\_ID ='{}'".format(H,C)**

**cursor.execute(ct)**

**mycon.commit()**

**if (ch==4):**

**dt="UPDATE RESERVATION\_DETAILS SET CLASS ='{}' WHERE CLASS ='{}'".format(I,D)**

**cursor.execute(dt)**

**mycon.commit()**

**if (ch==5):**

**et="UPDATE RESERVATION\_DETAILS SET PRICE ='{}' WHERE PRICE ='{}'".format(J,E)**

**cursor.execute(et)**

**mycon.commit()**

**if (ch==6):**

**at="UPDATE RESERVATION\_DETAILS SET passenger\_ID='{}' WHERE passenger\_ID='{}'".format(F,A)**

**bt="UPDATE RESERVATION\_DETAILS SET Train\_name='{}' WHERE Train\_name='{}'".format(G,B)**

**ct="UPDATE RESERVATION\_DETAILS SET Train\_ID='{}' WHERE Train\_ID='{}'".format(H,C)**

**dt="UPDATE RESERVATION\_DETAILS SET CLASS='{}' WHERE CLASS='{}'".format(I,D)**

**et="UPDATE RESERVATION\_DETAILS SET PRICE='{}' WHERE PRICE='{}'".format(J,E)**

**cursor.execute(at)**

**cursor.execute(bt)**

**cursor.execute(ct)**

**cursor.execute(dt)**

**cursor.execute(et)**

**mycon.commit()**

**print("successfully updated")**

**x=input("enter (yes) if you want to continue updating or (no) if u want to skip the process:")**

**k='yes'**

**o='no'**

**if (x==k):**

**continue**

**else:**

**break**

**return(RESERVATION\_DETAILS())**

**if (N==4):**

**print('thank u')**

**return(MAIN\_PROGRAM())**

**def CANCELLATION\_DETAILS():**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**print("please enter the values u want to delete from RESERVATION TABLE")**

**while True:**

**A=input('enter passenger\_ID:')**

**B=input('enter Train\_name:')**

**C=input('enter Train\_ID:')**

**D=input('enter CLASS:')**

**E=input('enter PRICE:')**

**ot="insert into CANCELLATION\_DETAILS(passenger\_ID,Train\_name,Train\_ID,CLASS,PRICE)values('{}','{}','{}','{}','{}')".format(A,B,C,D,E)**

**pt="DELETE from RESERVATION\_DETAILS WHERE passenger\_ID = '{}'".format(A)**

**qt="DELETE from RESERVATION\_DETAILS WHERE Train\_name = '{}'".format(B)**

**rt="DELETE from RESERVATION\_DETAILS WHERE Train\_ID = '{}'".format(C)**

**st="DELETE from RESERVATION\_DETAILS WHERE CLASS = '{}'".format(D)**

**tt="DELETE from RESERVATION\_DETAILS WHERE PRICE = '{}'".format(E)**

**cursor.execute(ot)**

**cursor.execute(pt)**

**cursor.execute(qt)**

**cursor.execute(rt)**

**cursor.execute(st)**

**cursor.execute(tt)**

**mycon.commit()**

**print("it has been CANCELLED successfully")**

**x=input("enter True or False to continue:")**

**if (x==True):**

**continue**

**else:**

**break**

**k=input('Do u want to view the reservation table after cancellation(True/False):')**

**yes='True'**

**no='False'**

**if (k==yes):**

**mycon=sqltor.connect(host='localhost',user='root',passwd='Devesh@123',database='railway\_reservation\_system')**

**cursor=mycon.cursor()**

**s='select \* from RESERVATION\_DETAILS'**

**cursor.execute(s)**

**data=cursor.fetchall()**

**count=cursor.rowcount**

**print('total no of rows retrieved in the resultset:',count)**

**for row in data:**

**print(row)**

**print('\n therefore the above table which you are seeing contains the non\_cancelled reservation details ')**

**return(MAIN\_PROGRAM())**

**def EXIT():**

**print('THANK YOU FOR USING RAILWAY TICKET RESERVATION SYSTEM')**

**return()**

**def MAIN\_PROGRAM():**

**print(" \n\t\tTRAIN RESERVATION SYSTEM "**

**'\n\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'**

**'\n 1 . PASSENGER DETAILS '**

**'\n 2 . TRAIN DETAILS'**

**'\n 3 . RESERVATION DETAILS'**

**'\n 4 . CANCELLATION DETAILS'**

**'\n 5 . EXIT')**

**N=int(input('enter any option to know in detail about it:'))**

**if (N==1):**

**PASSENGER\_DETAILS()**

**if (N==2):**

**TRAIN\_DETAILS()**

**if (N==3):**

**RESERVATION\_DETAILS()**

**if (N==4):**

**CANCELLATION\_DETAILS()**

**if (N==5):**

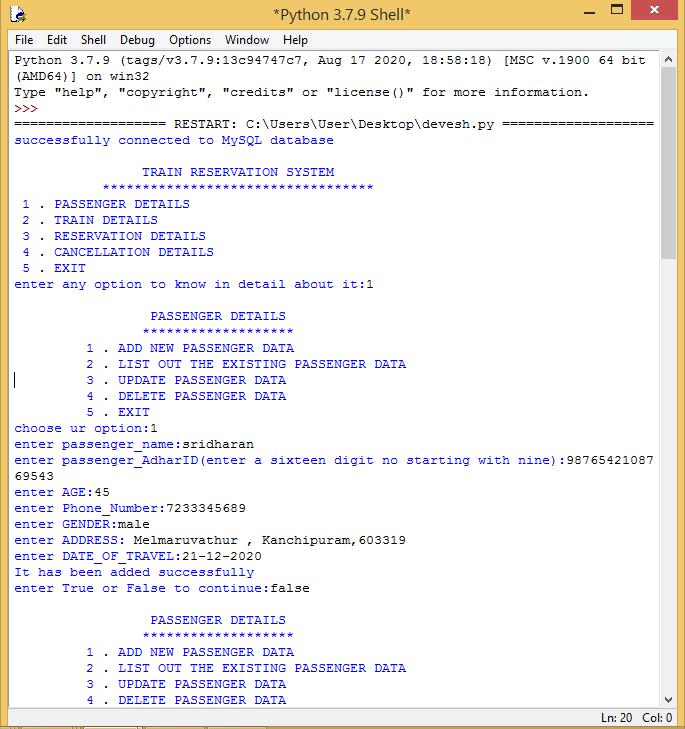
**EXIT()**

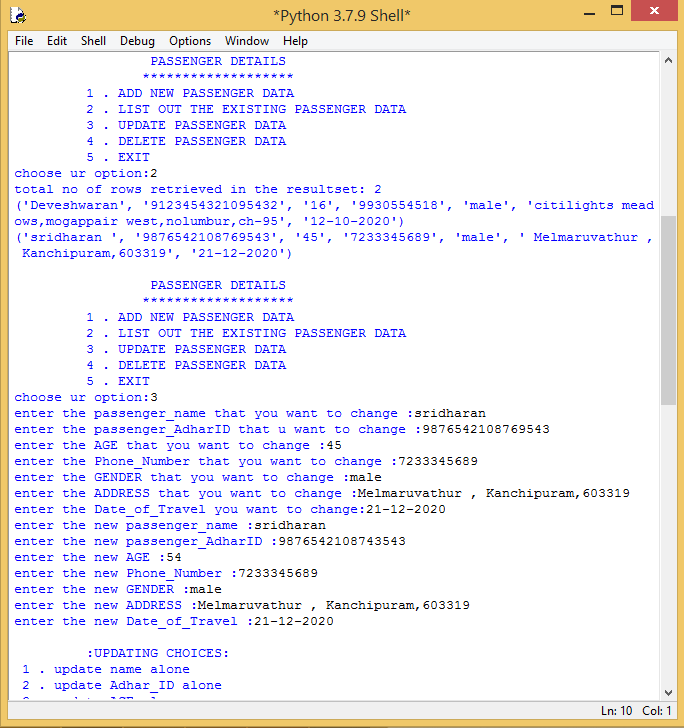
**#\_main\_**

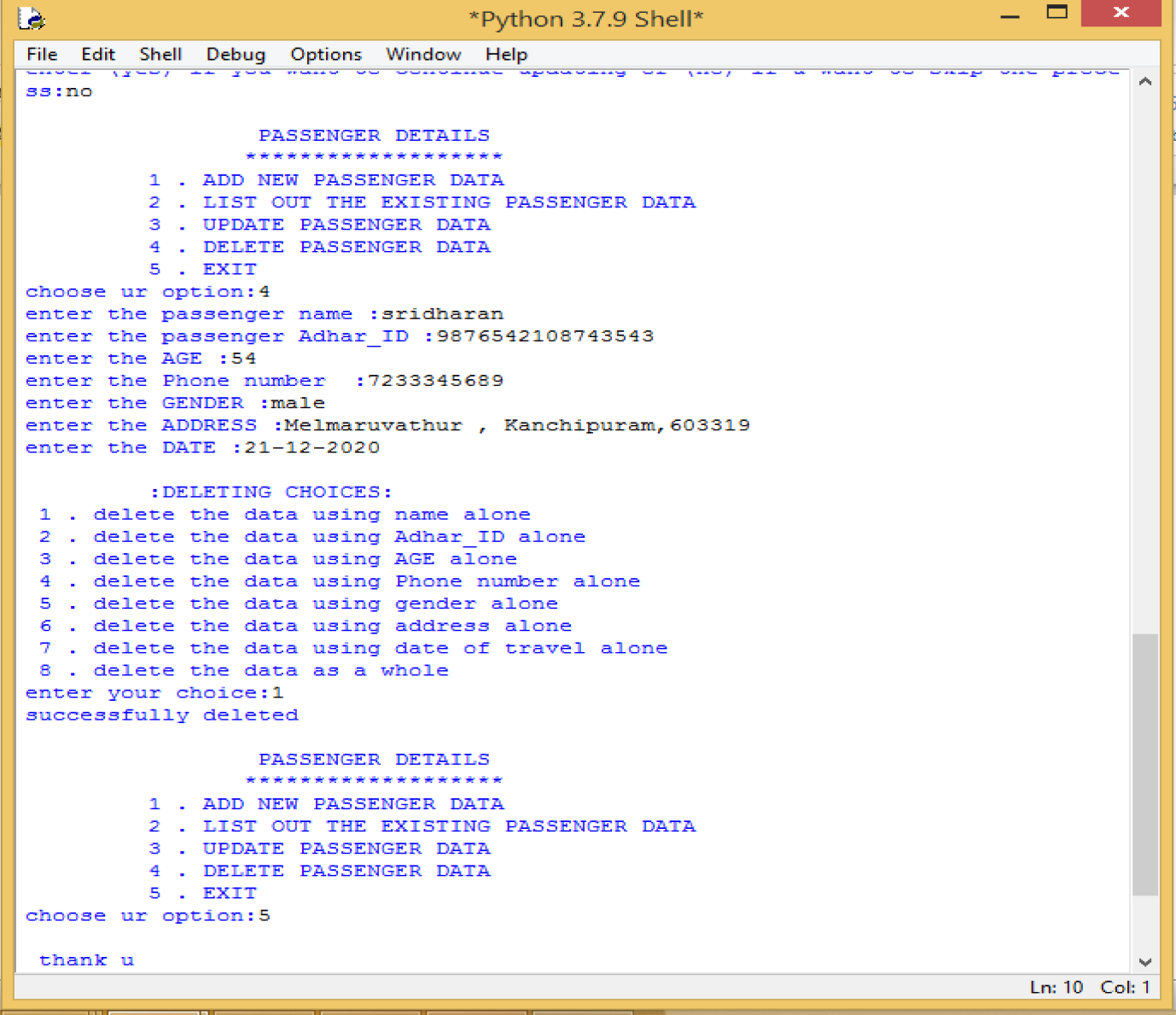
**MAIN\_PROGRAM()**

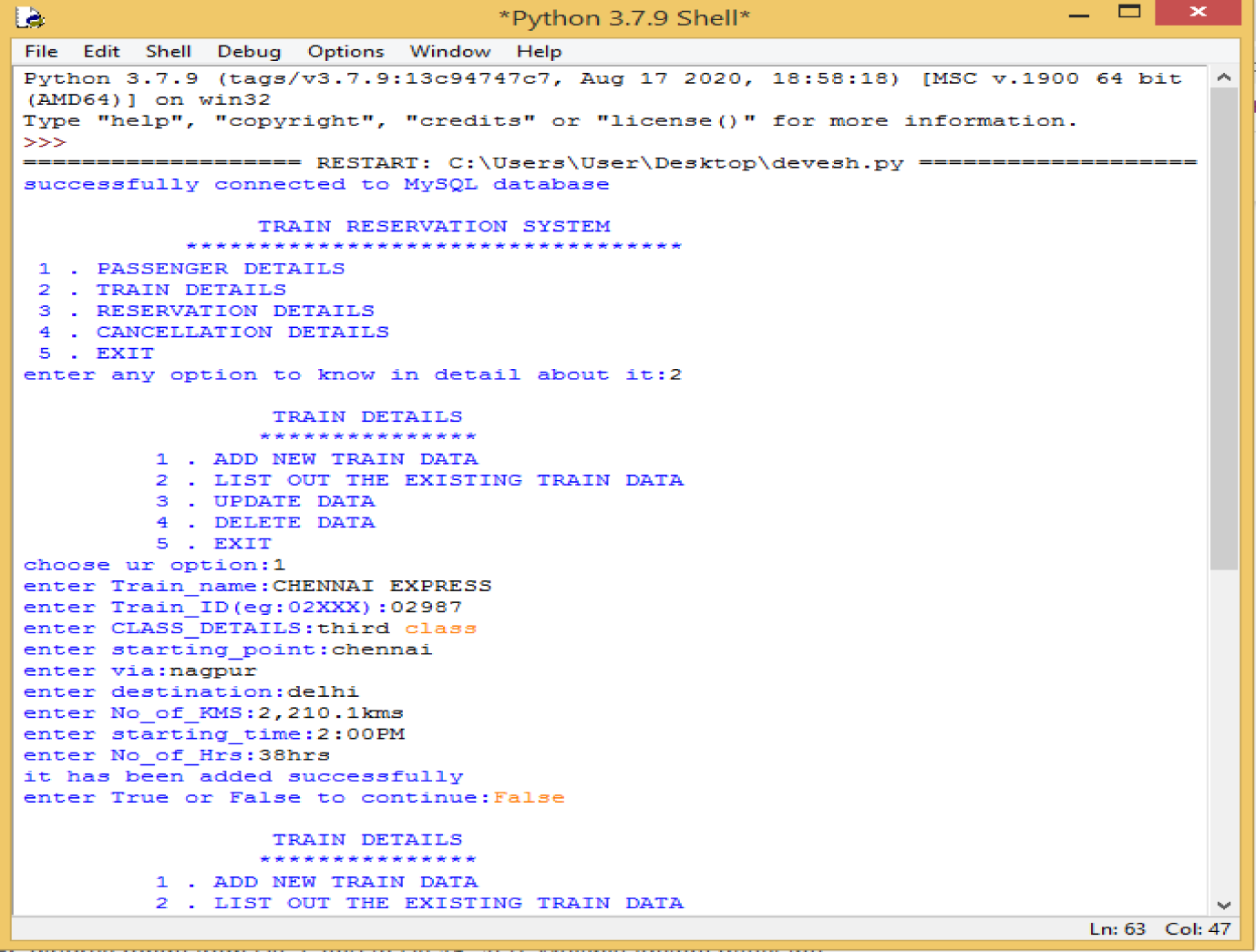
**10 . OUTPUT :**

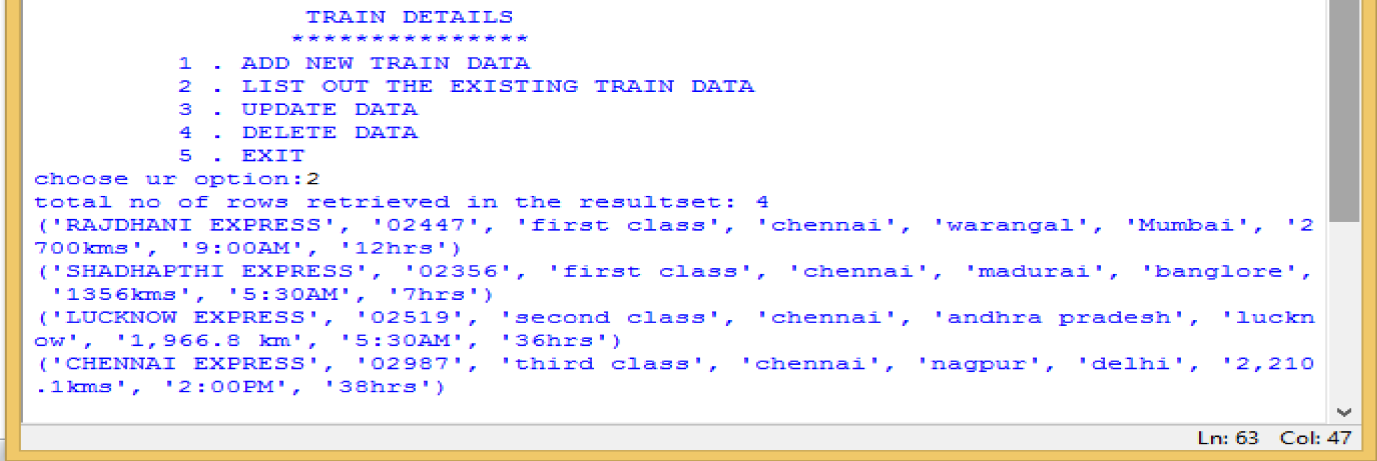
**OUTPUTS :**

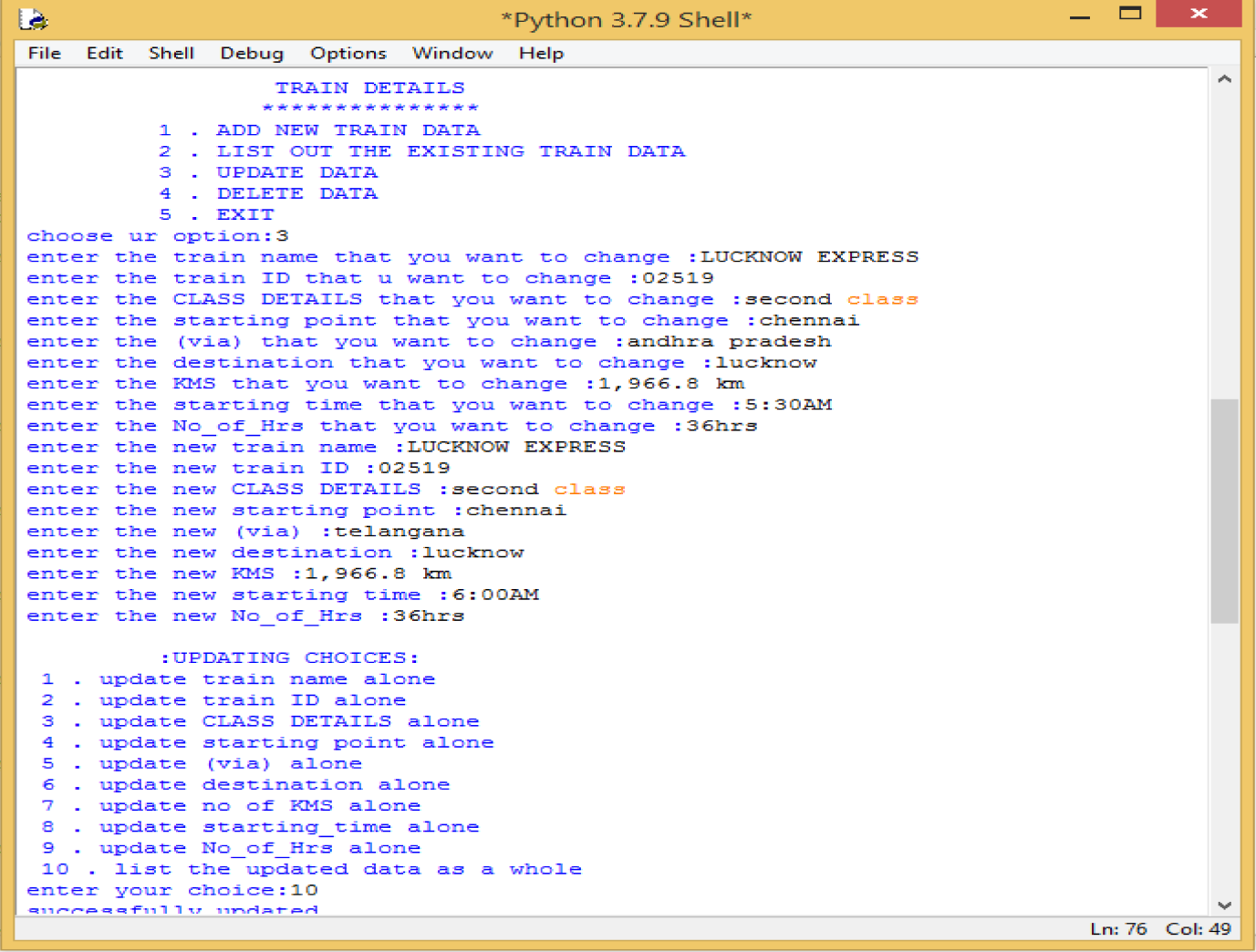


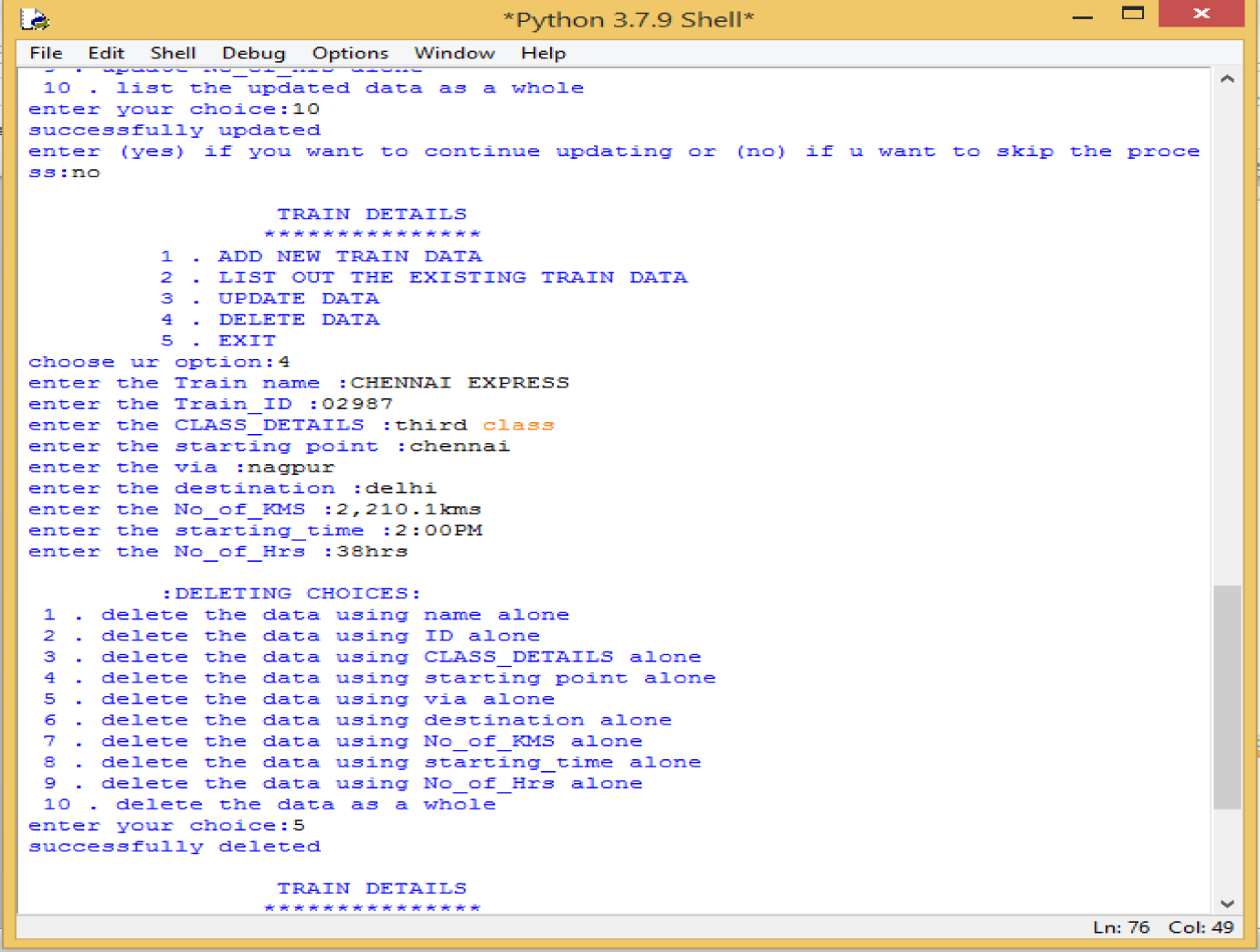


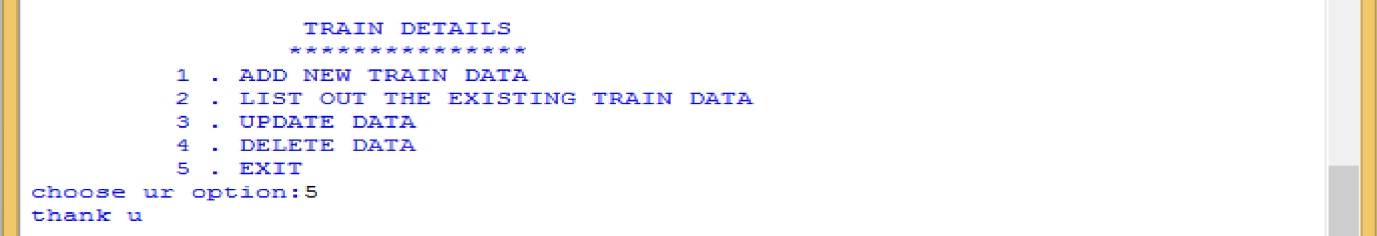


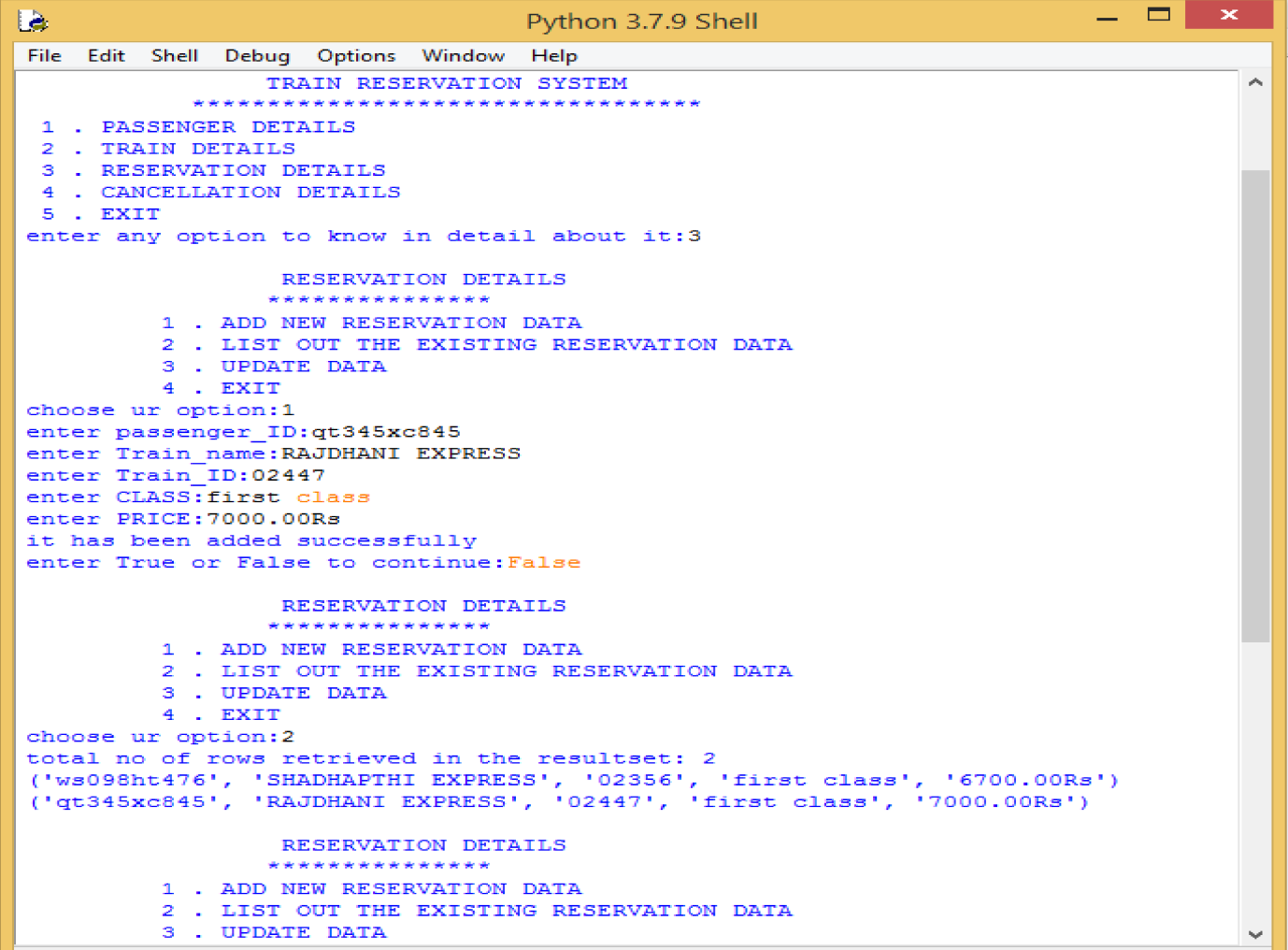


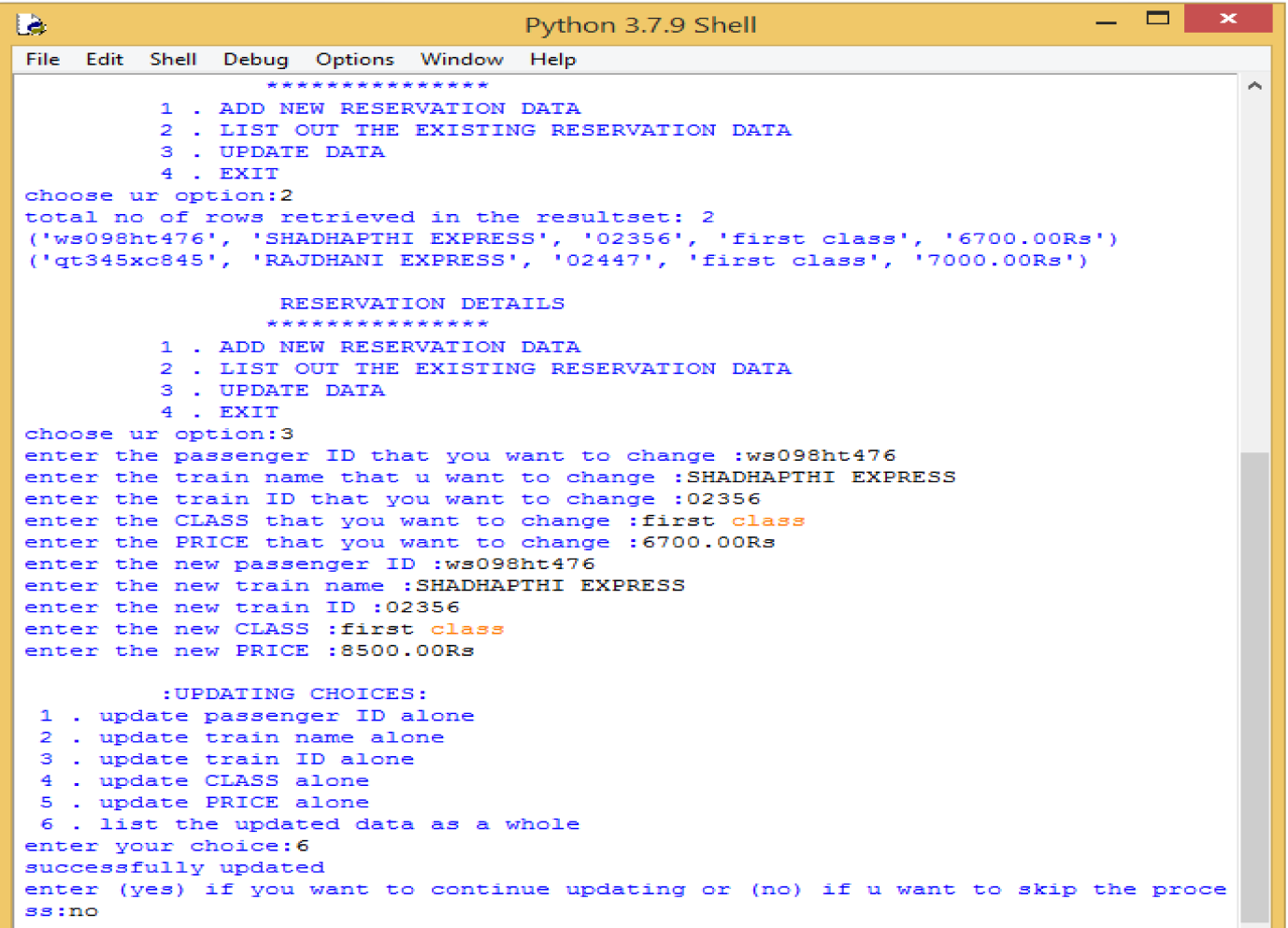


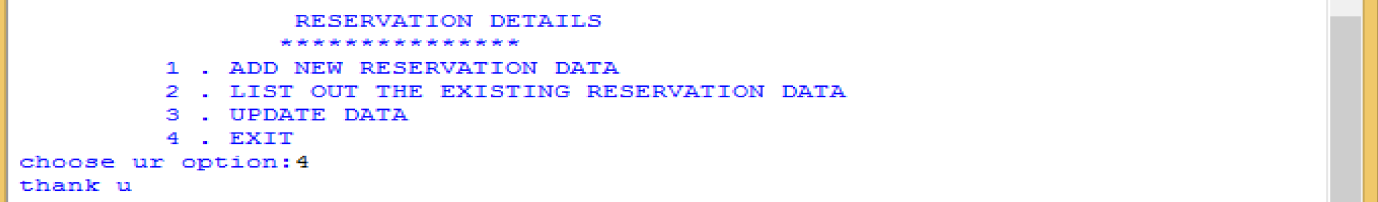


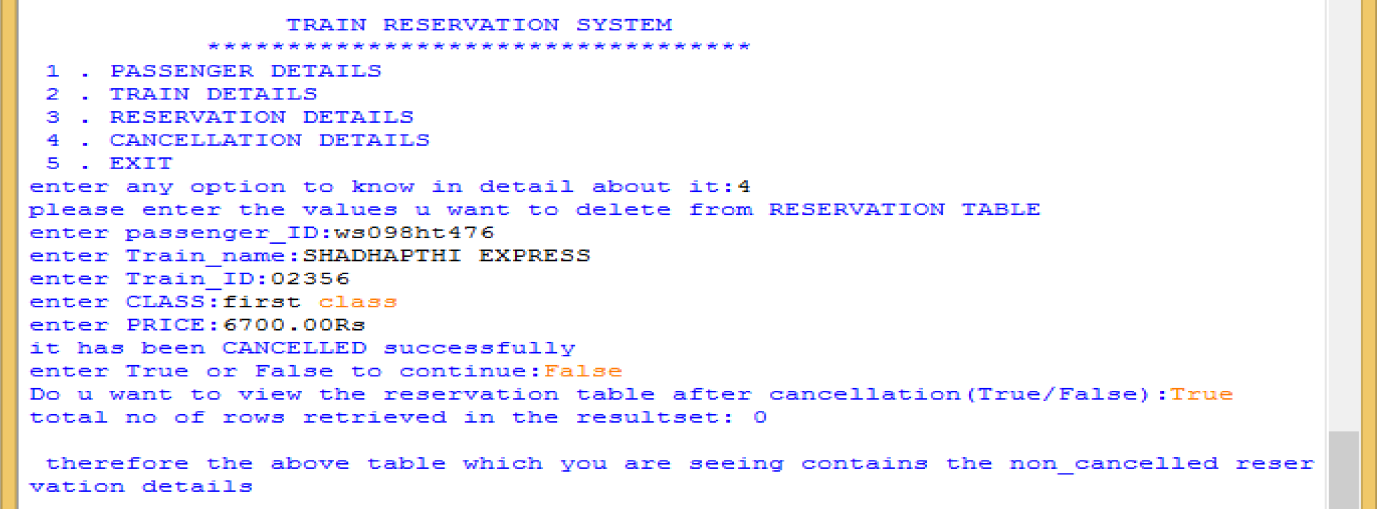


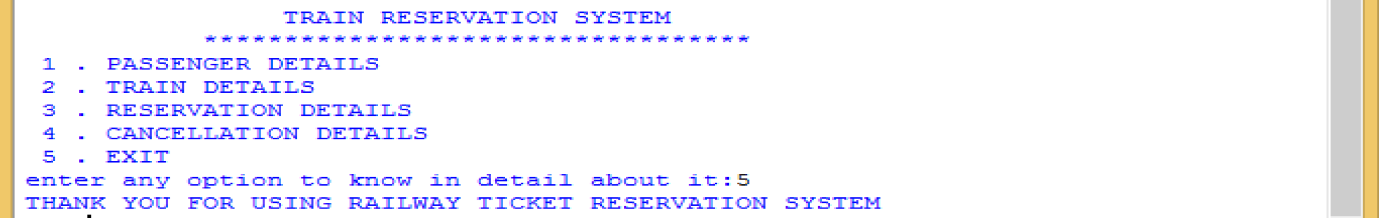


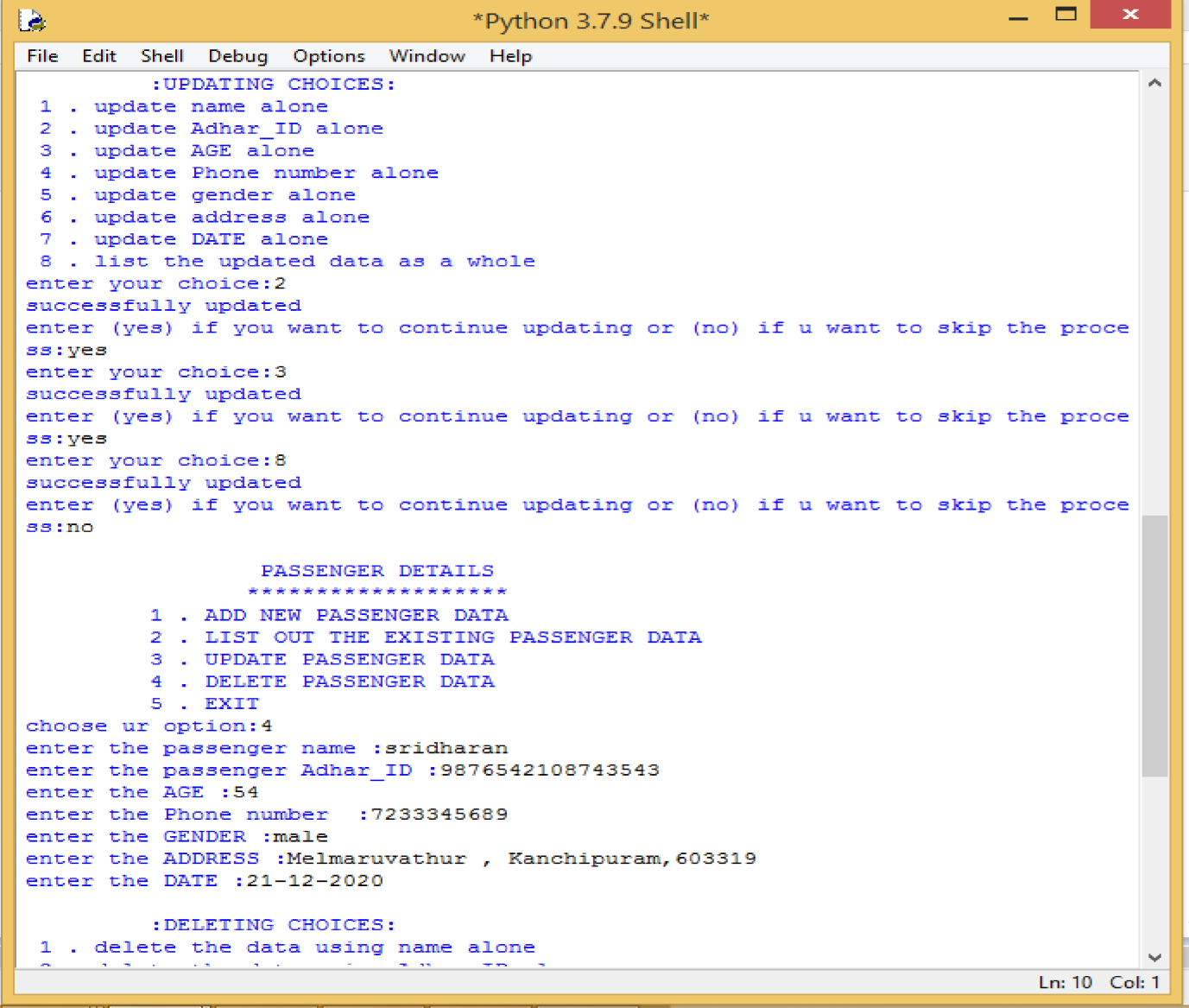




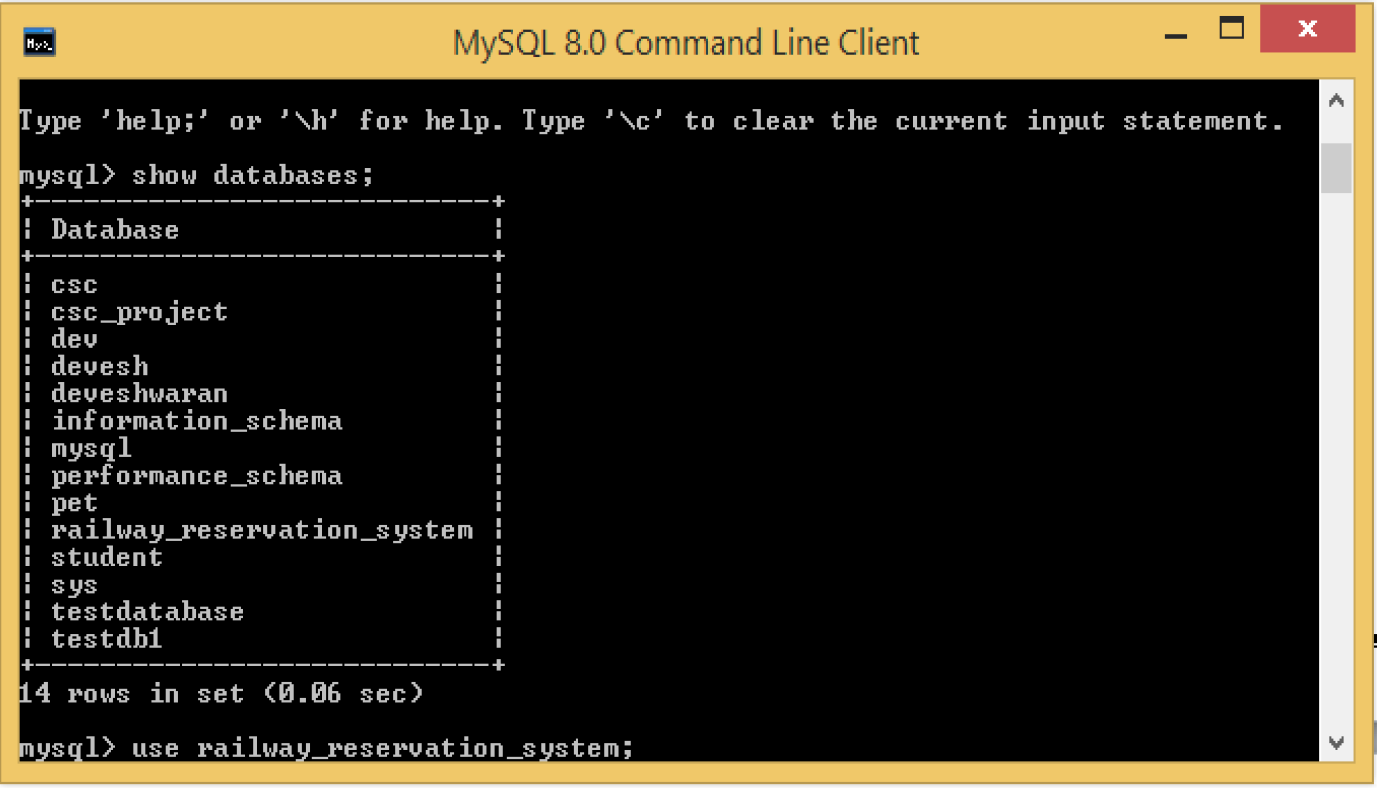


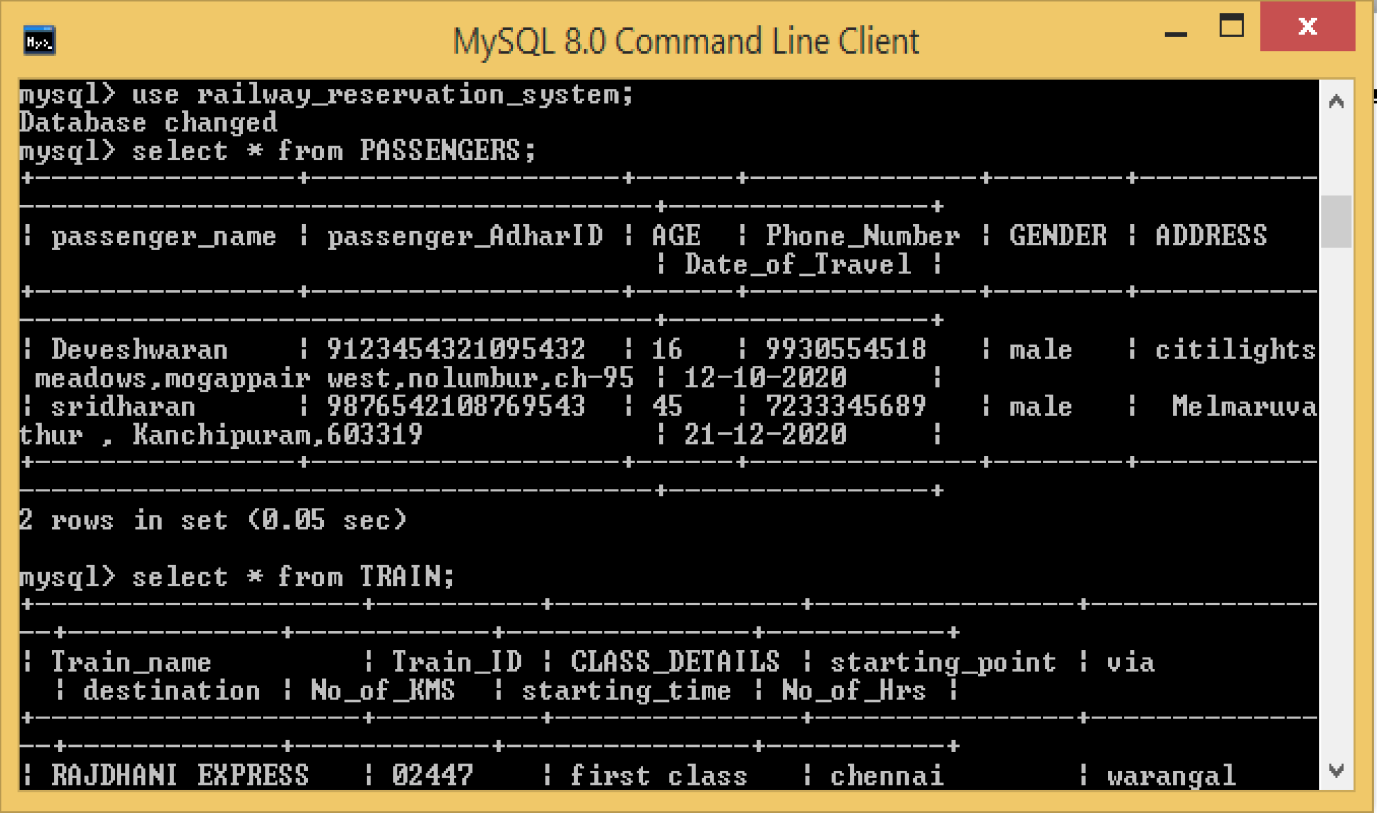


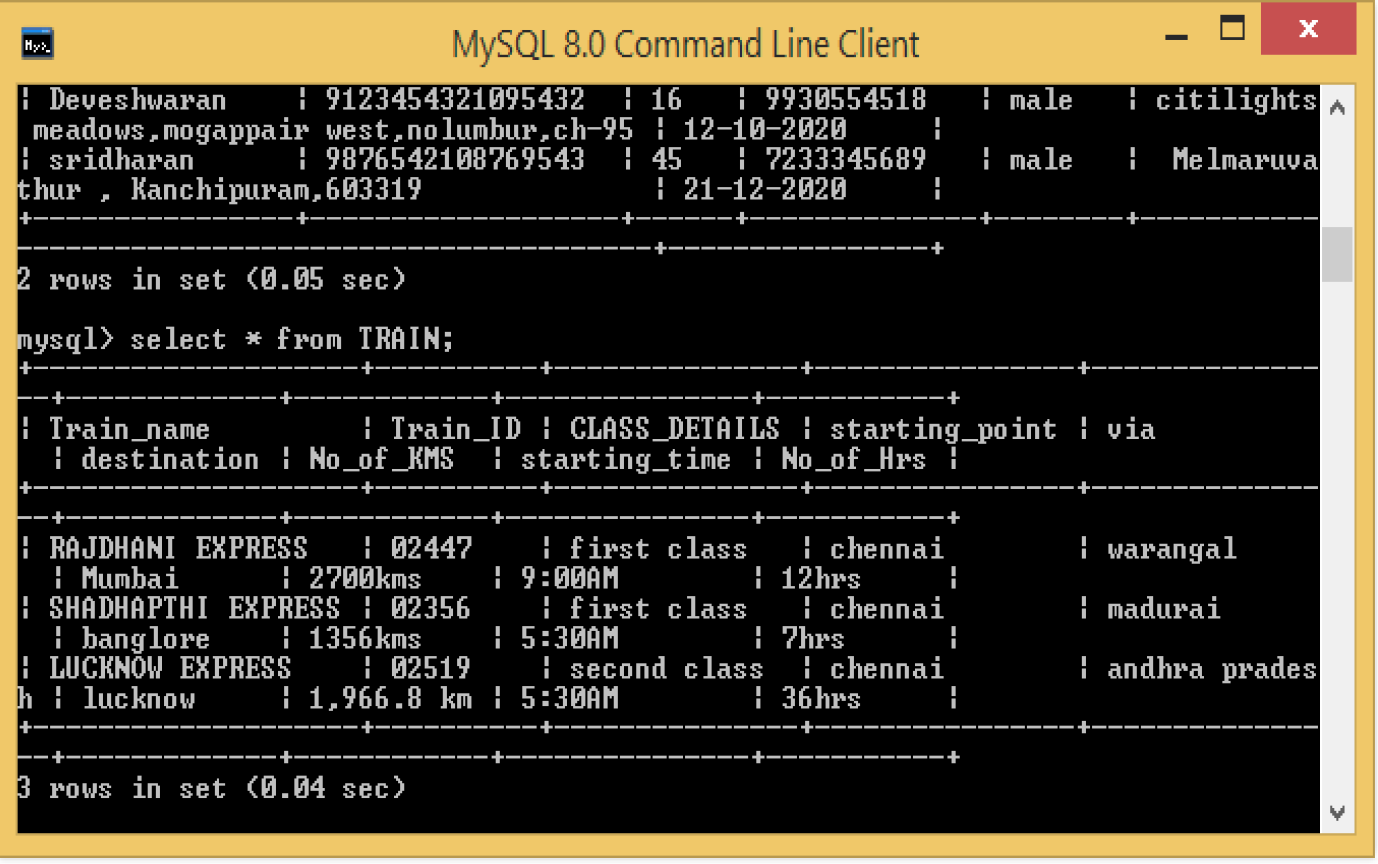


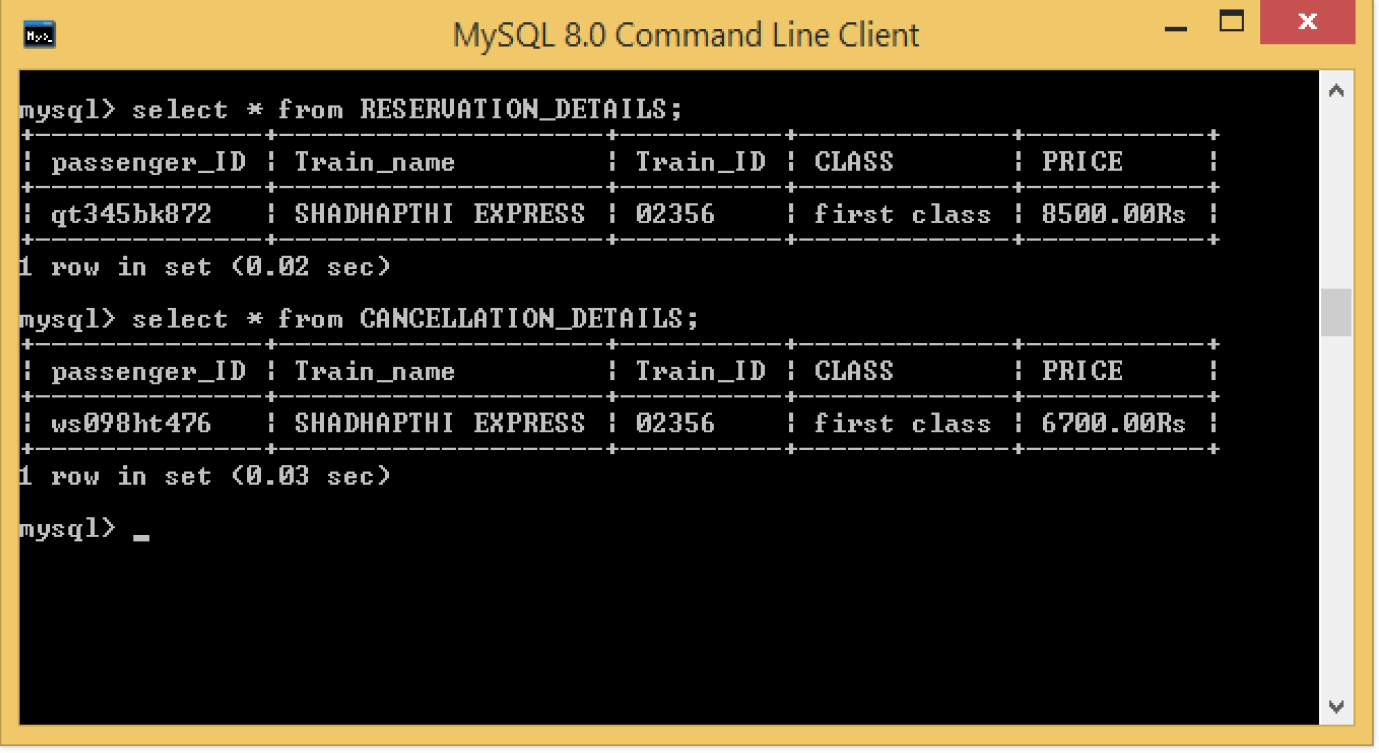


**MY-SQL OUTPUTS :**

****

****

****

****