PROJECT ON

TRAVEL AGENCY MANAGEMENT

PROJECT BY:

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CLASS: XII A

CERTIFICATE

CLASS: XII A **YEAR:2020-2021**

This is to certify that investigatory project is successfully completed by _______________ of Class XII, Division A, Roll No.___ for the academic year 2020-21.

Head Teacher
Signature:

External
Examiner

Internal Examiner
(Subject Teacher)

Department of:
Computer Science

DATE: / /21

Principal

ACKNOWLEDGEMENT

I, Garima Ranjan of class XII-A would like to express my sincere gratitude to my computer teacher Ms. Chhavi Singh, for her vital support, guidance, and encouragement- without which this project would not have come forth.

I would also like to extend my gratitude to our principal, Dr Bhavana Kulshrestha and our school Amity International School, Vasundhara Sector 1, for giving me such a wonderful opportunity to do this project on Travel Agency Management.

Date:___________

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OVERVIEW OF PROJECT

The main objective of this project is to help the data management system of any travel agency to take data from their customers, save the data, view all the data or search through the data.

In this project, we take the data of all the passengers travelling through flight, train, or luxury bus and stores this data into three different SQL tables and three different csv files(pre-existing csv files), the management of any travel agency can print all the data at a time or can search for particular data on the basis of date of travel or data corresponding to a particular person by his/her name.

This project helps in keeping all the data, new or old, at one place.

NEED OF COMPUTERIZATION

The tourism industries have widely adopted Information Technology [IT] to reduce costs, enhance operational efficiency, and most importantly to improve service quality and customer experience.

Computer systems allow for constant communication between branches and locations, which makes it far easier to monitor and streamline reservations and adhere to cross-company policies.

Computerisation helps in processing the data placed in several data files in no time. This is possible due to the high speed of computers for processing data and CPU of the computer works at the speed of electricity which is the highest ever attainable speed.

Also, Large volumes of data can be conveniently stored, accessed, and altered.

Computer has lifted the heavy data processing constraint with the manual system and has opened up new avenues for planning, control, and data experimentation.

Though the initial investment for installing a computer is high, but it substantially reduces the cost of each of its transaction. Cost reduction occurs due to processing of huge data and record keeping.

It is bit safer and secure to store data over computers.

SOFTWARE AND HARDWARE REQUIREMENTS

DATA FILE HANDLING has been effectively used in the program. The database is a collection of interrelated data to serve multiple applications. That is database programs create files of information. So, we see that files are worked with most, inside the program.

DBMS: The software required for the management of data is called as DBMS. It has 3 models:

- Relation model
- Hierarchical model
- Network model

RELATIONAL MODEL: It is based on the concept on relation. Relation is the table that consists of rows and columns. The rows of the table are called tuple and the columns of the table are called attribute. Numbers of rows in the table is called as cardinality. Number of columns in the table is called as degree.

HIERARCHICAL MODEL: In this type of model, we have multiple records for each record. A particular record has one parent record. No chide record can exist without parent record. In this, the records are organized in tree.

NETWORK MODEL: In this, the data is represented by collection of records and relationship is represented by ink or association.

CHARACTERISTICS OF DBMS:

→ It reduces the redundancy

→ Reduction of data in inconsistency

→ Data sharing

→ Data standardization

DIFFERENT TYPES OF FILES:

Based on access:

- Sequential file
- Serial file
- Random (direct access) file

Based on storage:

- Text file
- Binary File

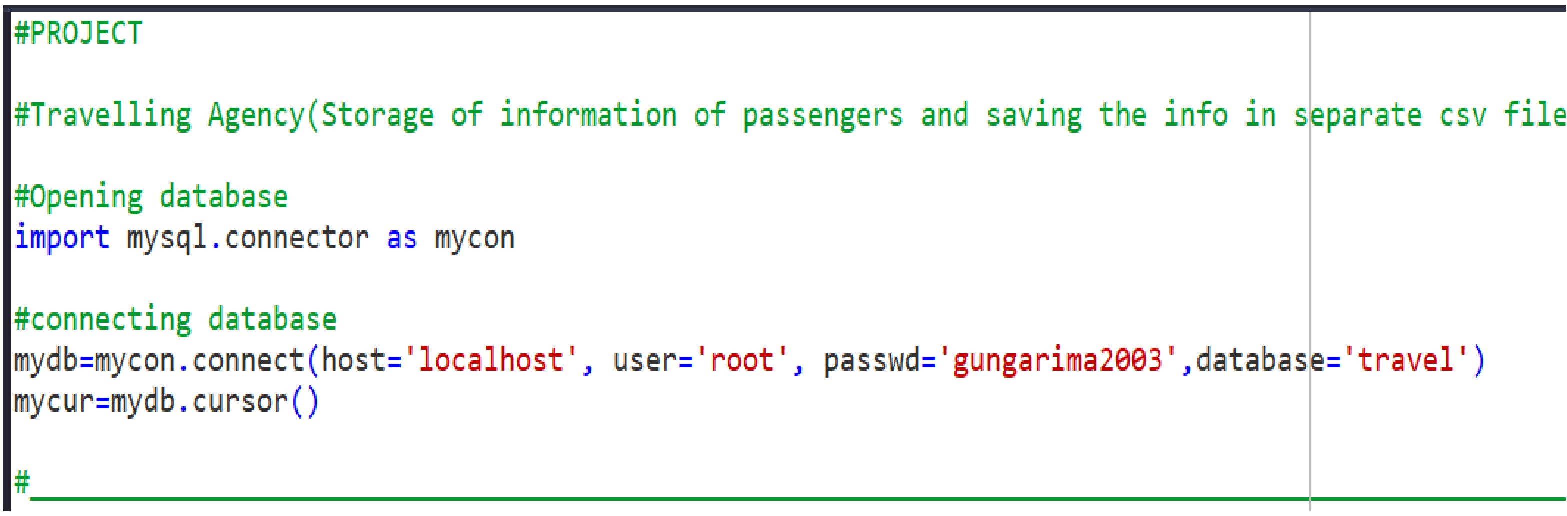
ADVANTAGES OF THE PROJECT

- Segregation of data: Saves data for all three modes of transport separately in different csv files.
- Exporting data: These csv files can be exported.
- The data is also saved in SQL, making accessing easy.
- Access: User can access large amount of data all together.
- Searching: User can search for a particular data on the basis of date or name of passenger.
- All instructions are given so that user do not face problem in using the program.

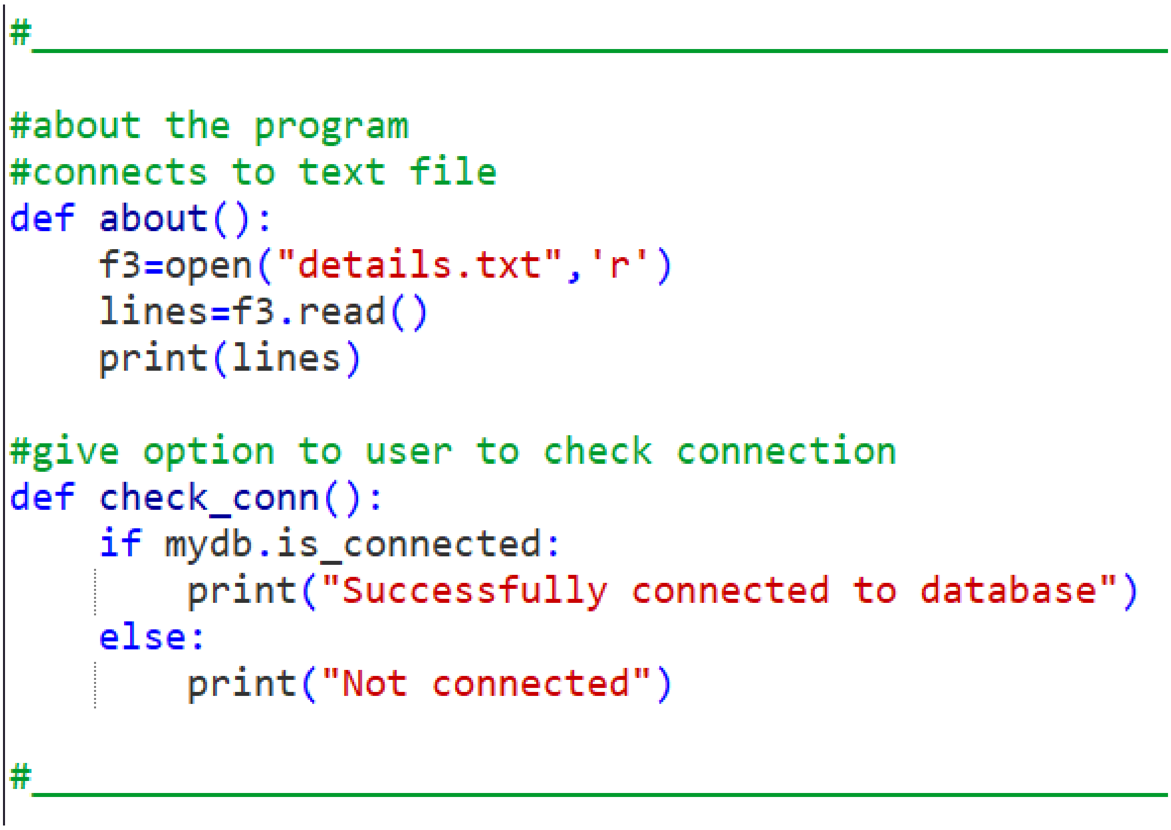
LIMITATIONS OF THE PROJECT

- Excel file is pre-existing, this limits the usage of project to system in with csv files already exist.
- The program is quite slow due to looping.
- Passengers are required to give a lot of data as input.

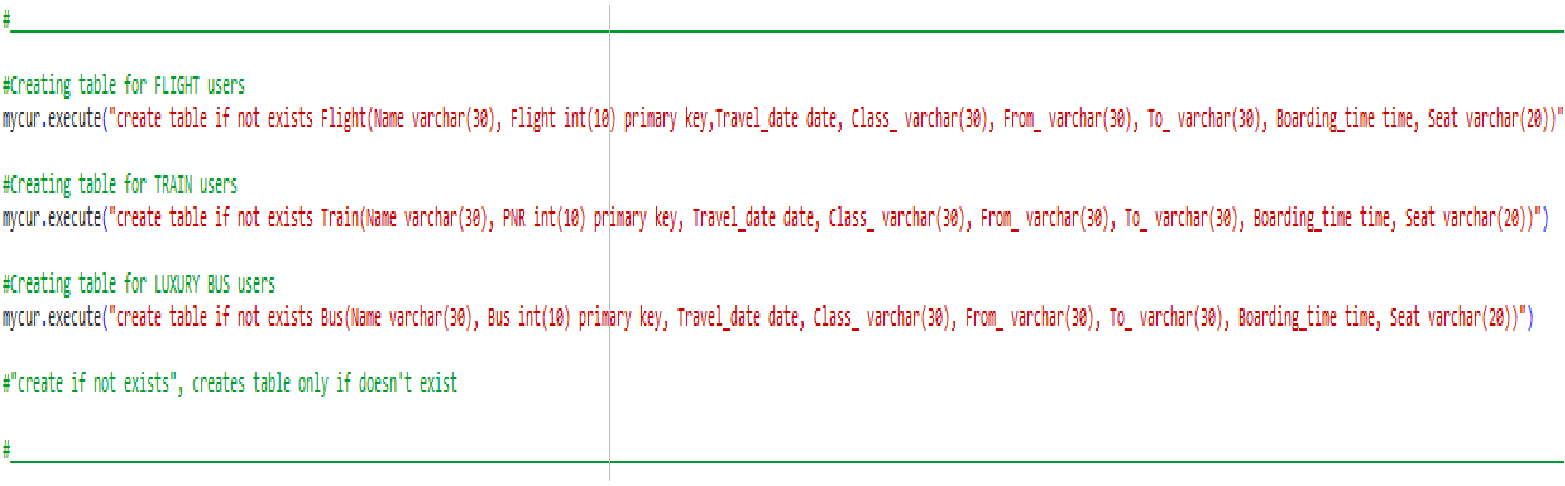
SOURCE CODE OF PROGRAM



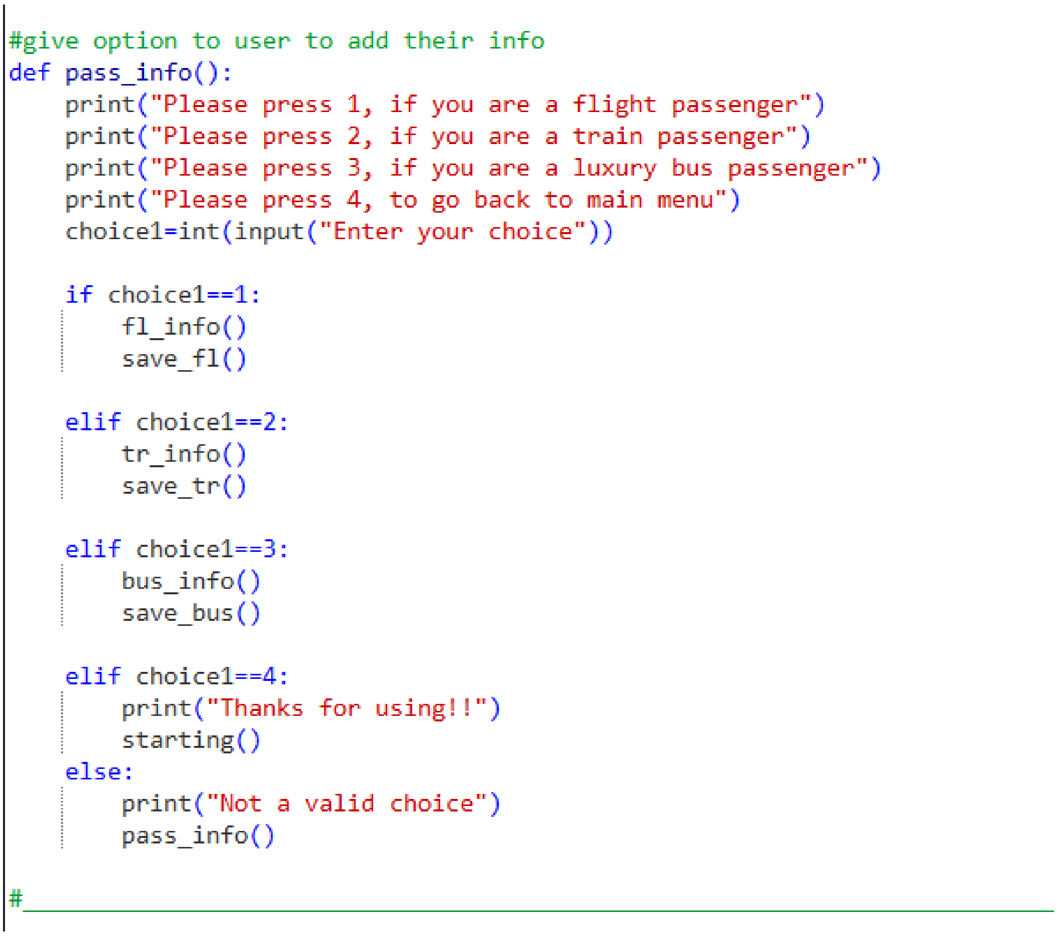
```
#PROJECT

#Travelling Agency(Storage of information of passengers and saving the info in separate csv file

#Opening database
import mysql.connector as mycon

#connecting database
mydb=mycon.connect(host='localhost', user='root', passwd='gungarima2003',database='travel')
mycur=mydb.cursor()

#____________________________________________________________________________________________
```



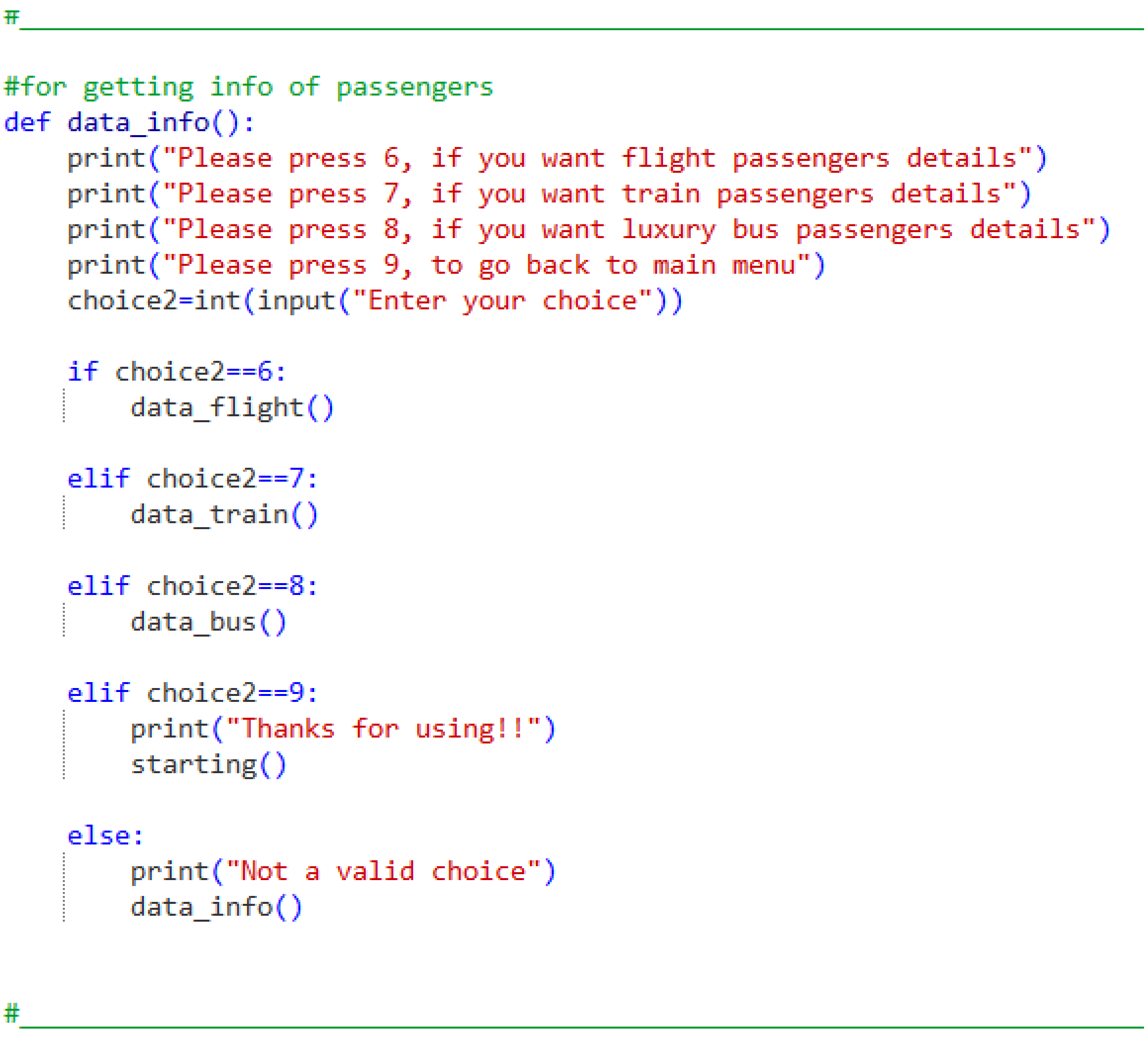
```
#_____________________________________________________

#about the program
#connects to text file
def about():
    f3=open("details.txt",'r')
    lines=f3.read()
    print(lines)

#give option to user to check connection
def check_conn():
    if mydb.is_connected:
        print("Successfully connected to database")
    else:
        print("Not connected")

#_____________________________________________________
```



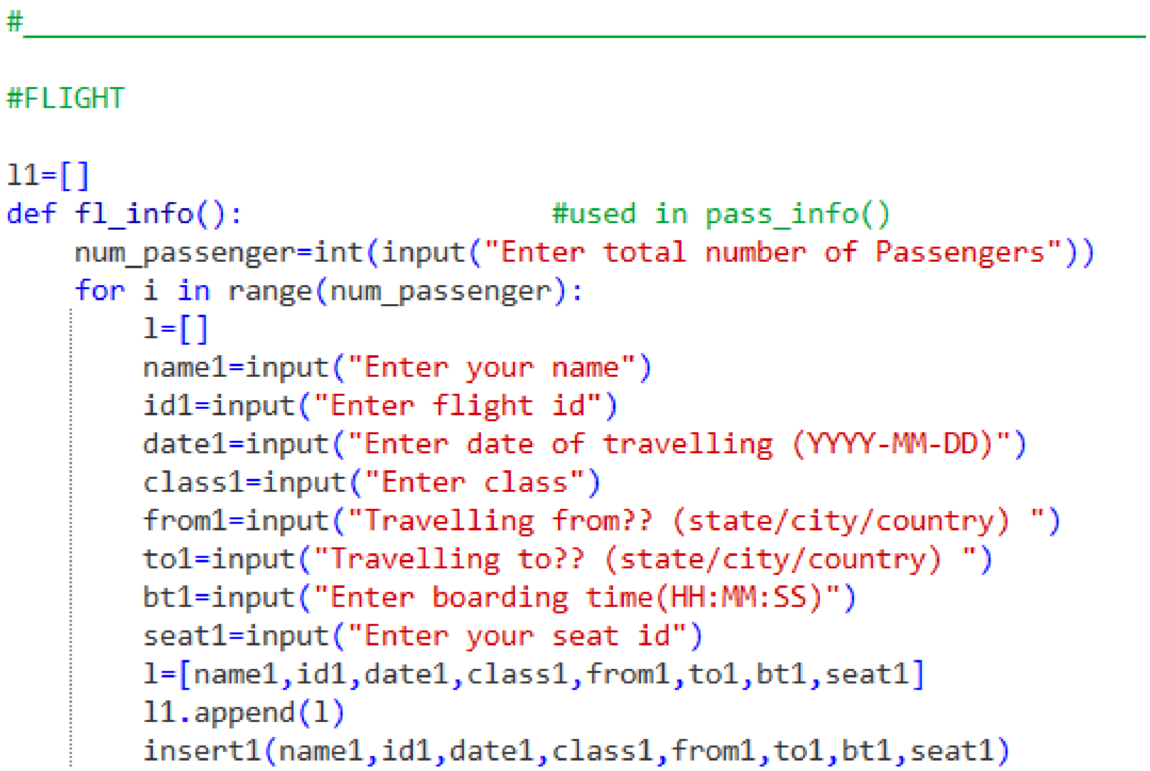
```
#______________________________________________________________________________________________________________________

#Creating table for FLIGHT users
mycur.execute("create table if not exists Flight(Name varchar(30), Flight int(10) primary key,Travel_date date, Class_ varchar(30), From_ varchar(30), To_ varchar(30), Boarding_time time, Seat varchar(20))"

#Creating table for TRAIN users
mycur.execute("create table if not exists Train(Name varchar(30), PNR int(10) primary key, Travel_date date, Class_ varchar(30), From_ varchar(30), To_ varchar(30), Boarding_time time, Seat varchar(20))")

#Creating table for LUXURY BUS users
mycur.execute("create table if not exists Bus(Name varchar(30), Bus int(10) primary key, Travel_date date, Class_ varchar(30), From_ varchar(30), To_ varchar(30), Boarding_time time, Seat varchar(20))")

#"create if not exists", creates table only if doesn't exist

#______________________________________________________________________________________________________________________
```



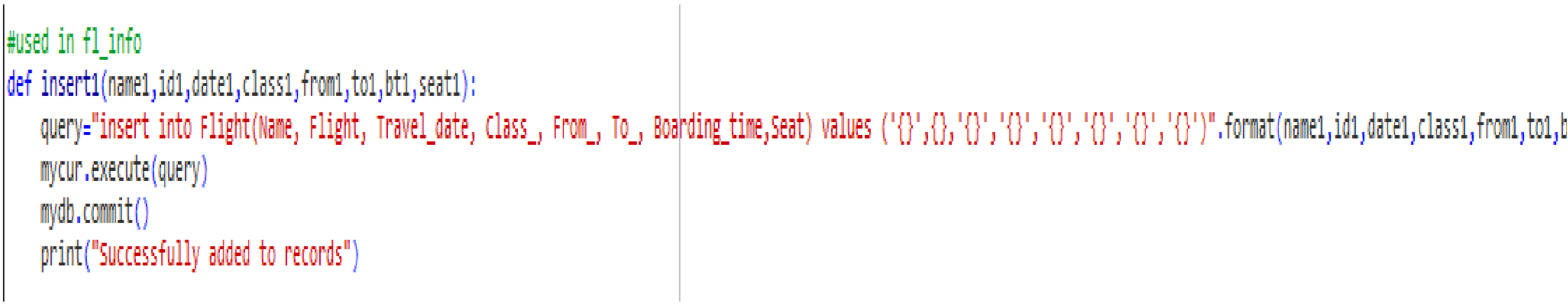
```
#give option to user to add their info
def pass_info():
    print("Please press 1, if you are a flight passenger")
    print("Please press 2, if you are a train passenger")
    print("Please press 3, if you are a luxury bus passenger")
    print("Please press 4, to go back to main menu")
    choice1=int(input("Enter your choice"))

    if choice1==1:
        fl_info()
        save_fl()

    elif choice1==2:
        tr_info()
        save_tr()

    elif choice1==3:
        bus_info()
        save_bus()

    elif choice1==4:
        print("Thanks for using!!")
        starting()
    else:
        print("Not a valid choice")
        pass_info()

#__________________________________________________________________________
```



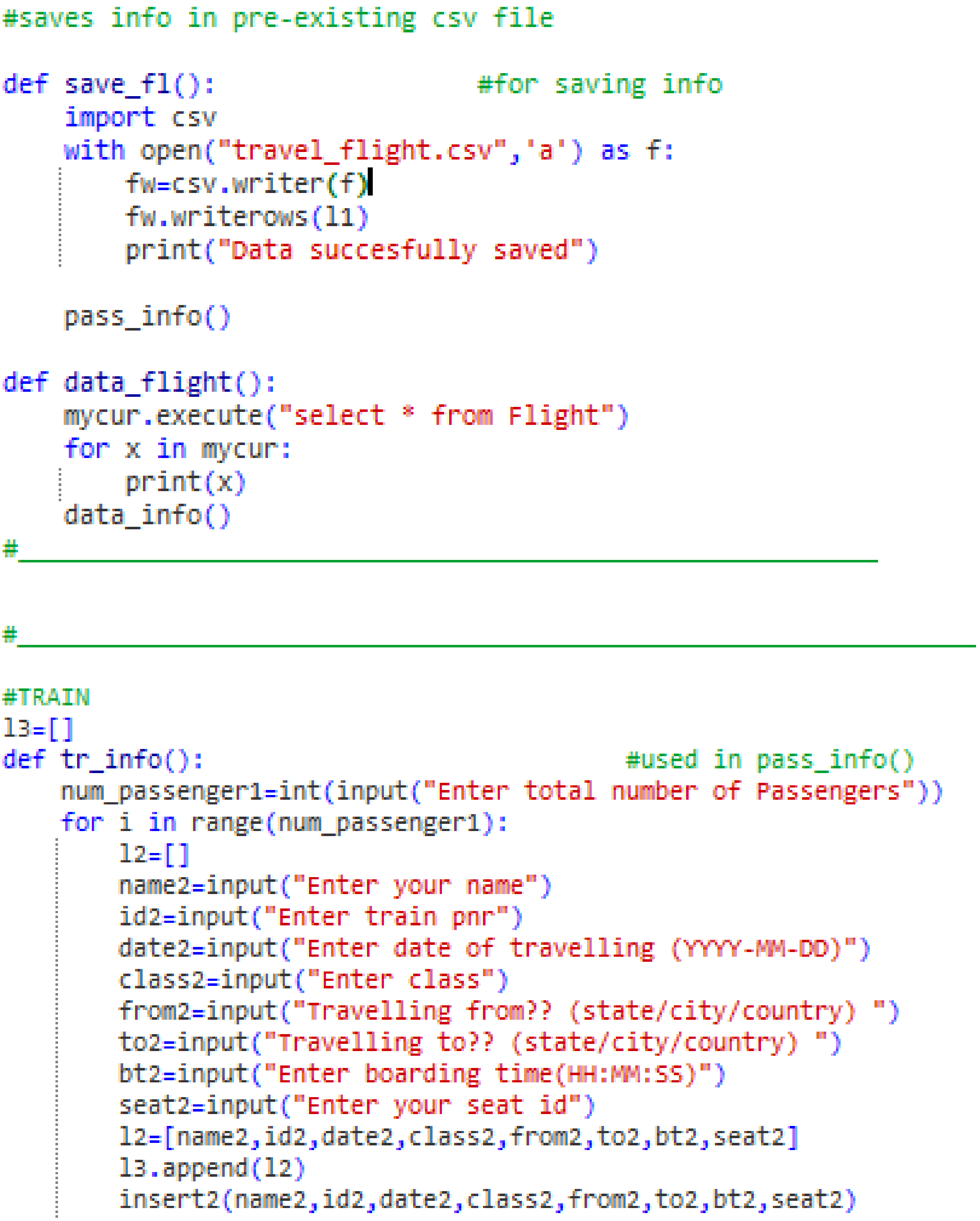
```
#__________________________________________________________________________

#for getting info of passengers
def data_info():
    print("Please press 6, if you want flight passengers details")
    print("Please press 7, if you want train passengers details")
    print("Please press 8, if you want luxury bus passengers details")
    print("Please press 9, to go back to main menu")
    choice2=int(input("Enter your choice"))

    if choice2==6:
        data_flight()

    elif choice2==7:
        data_train()

    elif choice2==8:
        data_bus()

    elif choice2==9:
        print("Thanks for using!!")
        starting()

    else:
        print("Not a valid choice")
        data_info()


#__________________________________________________________________________
```



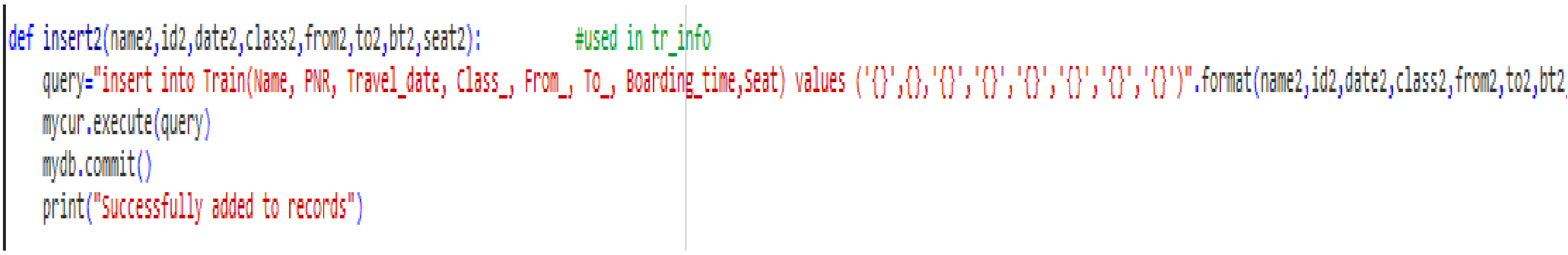
```
#________________________________________________________________________

#FLIGHT

l1=[]
def fl_info():                        #used in pass_info()
    num_passenger=int(input("Enter total number of Passengers"))
    for i in range(num_passenger):
        l=[]
        name1=input("Enter your name")
        id1=input("Enter flight id")
        date1=input("Enter date of travelling (YYYY-MM-DD)")
        class1=input("Enter class")
        from1=input("Travelling from?? (state/city/country) ")
        to1=input("Travelling to?? (state/city/country) ")
        bt1=input("Enter boarding time(HH:MM:SS)")
        seat1=input("Enter your seat id")
        l=[name1,id1,date1,class1,from1,to1,bt1,seat1]
        l1.append(l)
        insert1(name1,id1,date1,class1,from1,to1,bt1,seat1)
```



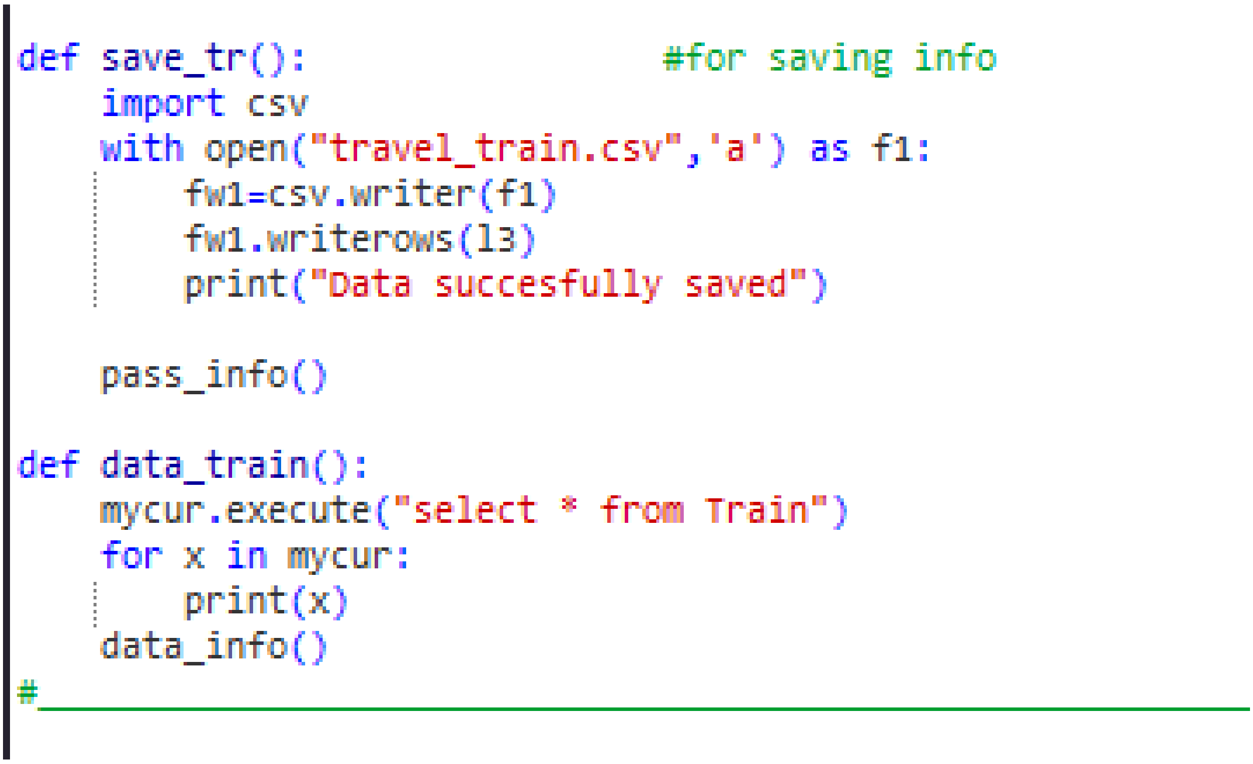
```
#used in fl_info
def insert1(name1,id1,date1,class1,from1,to1,bt1,seat1):
    query="insert into Flight(Name, Flight, Travel_date, Class_, From_, To_, Boarding_time,Seat) values ('{}',{},'{}','{}','{}','{}','{}','{}')".format(name1,id1,date1,class1,from1,to1,b
    mycur.execute(query)
    mydb.commit()
    print("Successfully added to records")
```



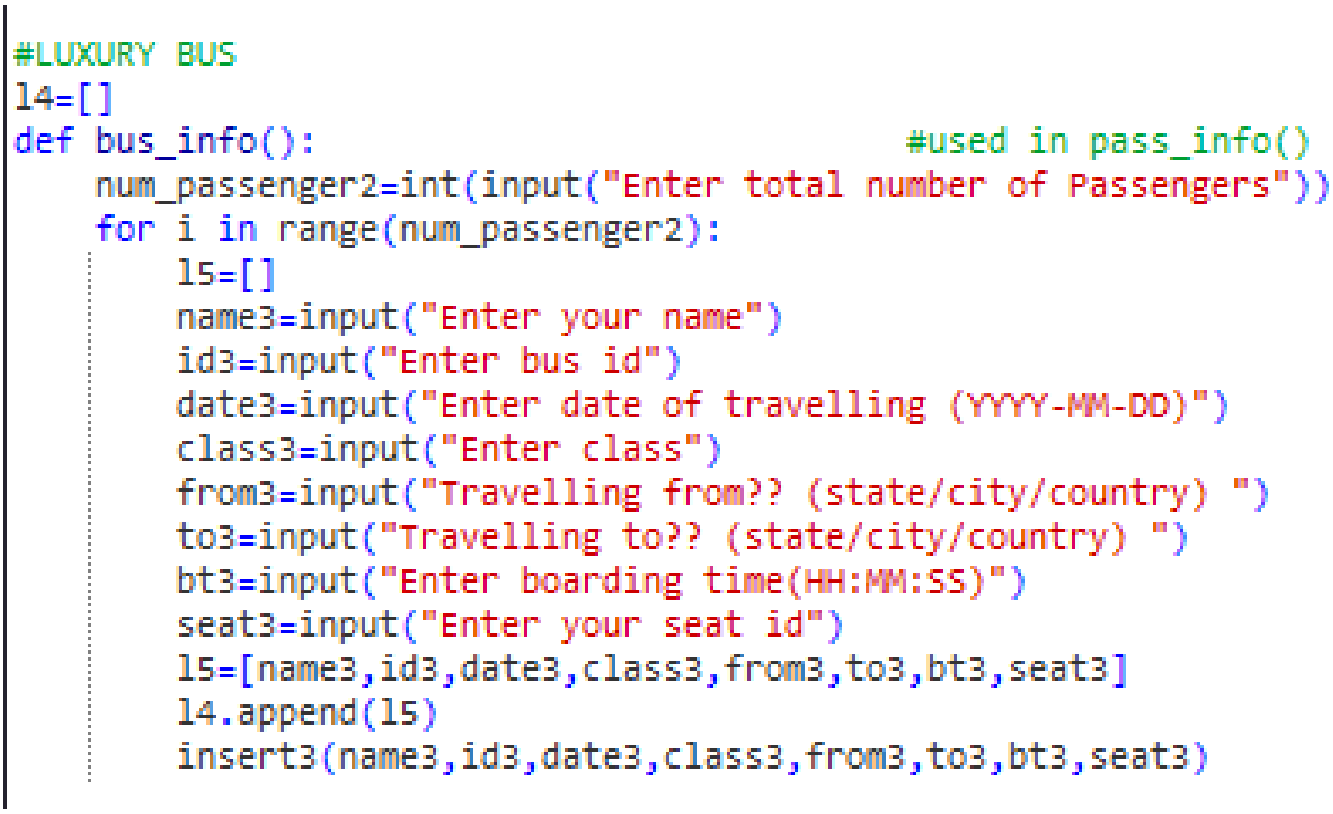
```
#saves info in pre-existing csv file

def save_fl():                    #for saving info
    import csv
    with open("travel_flight.csv",'a') as f:
        fw=csv.writer(f)
        fw.writerows(l1)
        print("Data succesfully saved")

    pass_info()

def data_flight():
    mycur.execute("select * from Flight")
    for x in mycur:
        print(x)
    data_info()
#___________________________________________


#________________________________________________

#TRAIN
l3=[]
def tr_info():                                 #used in pass_info()
    num_passenger1=int(input("Enter total number of Passengers"))
    for i in range(num_passenger1):
        l2=[]
        name2=input("Enter your name")
        id2=input("Enter train pnr")
        date2=input("Enter date of travelling (YYYY-MM-DD)")
        class2=input("Enter class")
        from2=input("Travelling from?? (state/city/country) ")
        to2=input("Travelling to?? (state/city/country) ")
        bt2=input("Enter boarding time(HH:MM:SS)")
        seat2=input("Enter your seat id")
        l2=[name2,id2,date2,class2,from2,to2,bt2,seat2]
        l3.append(l2)
        insert2(name2,id2,date2,class2,from2,to2,bt2,seat2)
```



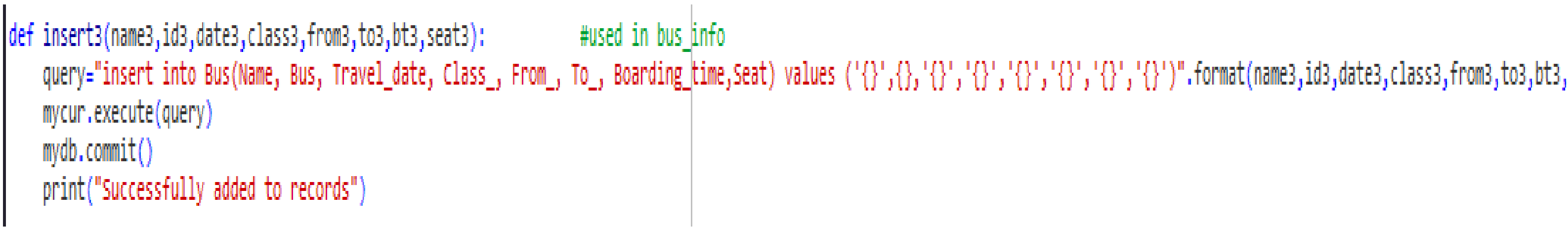
```
def insert2(name2,id2,date2,class2,from2,to2,bt2,seat2):           #used in tr_info
    query="insert into Train(Name, PNR, Travel_date, Class_, From_, To_, Boarding_time,Seat) values ('{}',{},'{}','{}','{}','{}','{}','{}')".format(name2,id2,date2,class2,from2,to2,bt2,
    mycur.execute(query)
    mydb.commit()
    print("Successfully added to records")
```



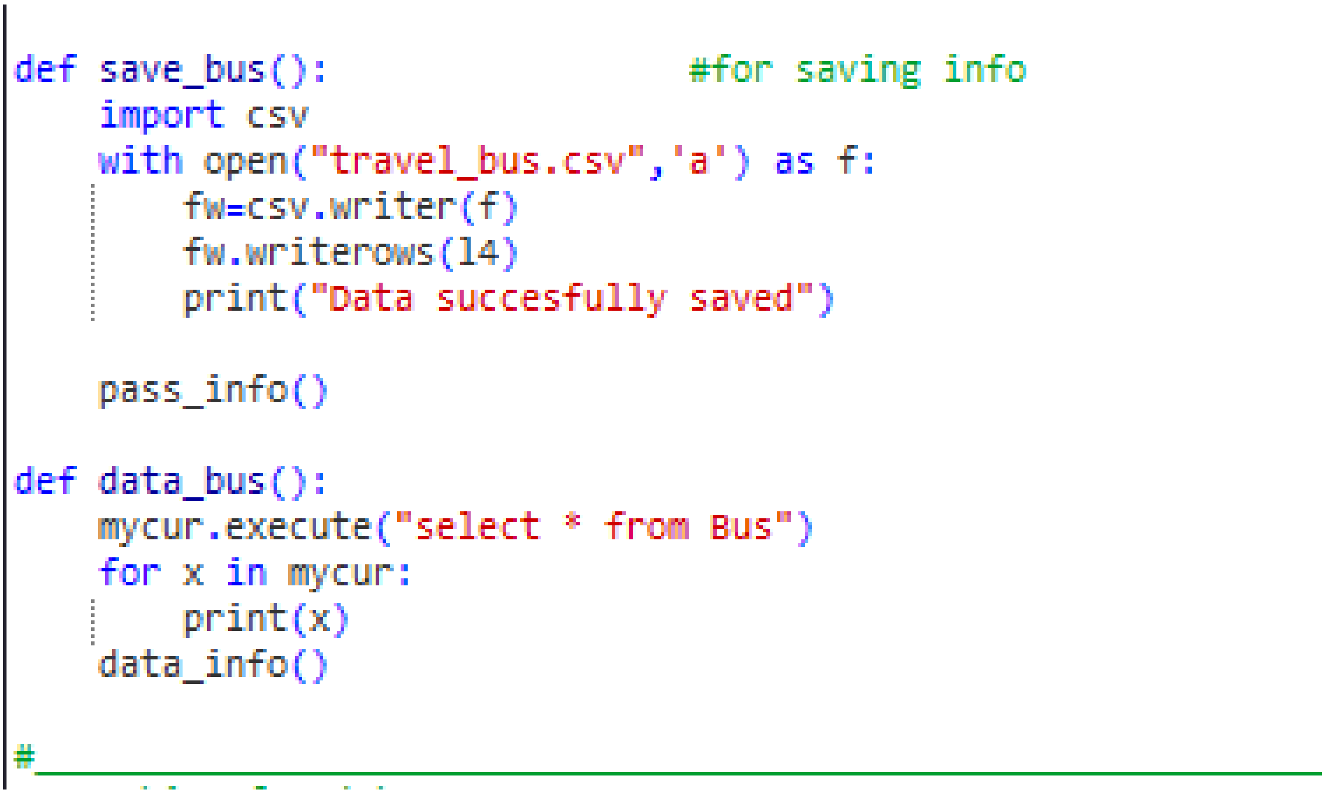
```
def save_tr():                      #for saving info
    import csv
    with open("travel_train.csv",'a') as f1:
        fw1=csv.writer(f1)
        fw1.writerows(l3)
        print("Data succesfully saved")

    pass_info()

def data_train():
    mycur.execute("select * from Train")
    for x in mycur:
        print(x)
    data_info()
#______________________________________________________________
```



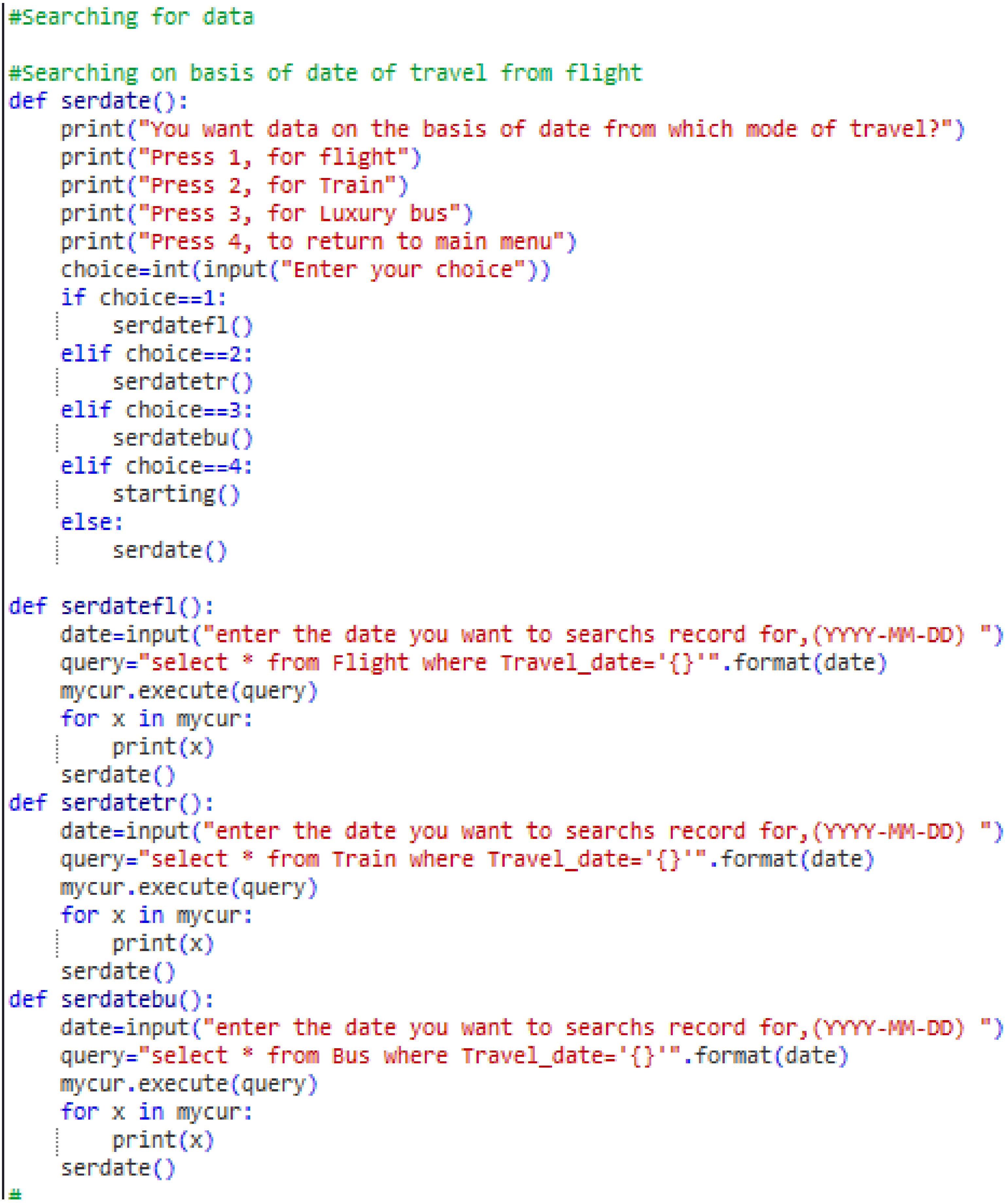
```
#LUXURY BUS
l4=[]
def bus_info():                                        #used in pass_info()
    num_passenger2=int(input("Enter total number of Passengers"))
    for i in range(num_passenger2):
        l5=[]
        name3=input("Enter your name")
        id3=input("Enter bus id")
        date3=input("Enter date of travelling (YYYY-MM-DD)")
        class3=input("Enter class")
        from3=input("Travelling from?? (state/city/country) ")
        to3=input("Travelling to?? (state/city/country) ")
        bt3=input("Enter boarding time(HH:MM:SS)")
        seat3=input("Enter your seat id")
        l5=[name3,id3,date3,class3,from3,to3,bt3,seat3]
        l4.append(l5)
        insert3(name3,id3,date3,class3,from3,to3,bt3,seat3)
```



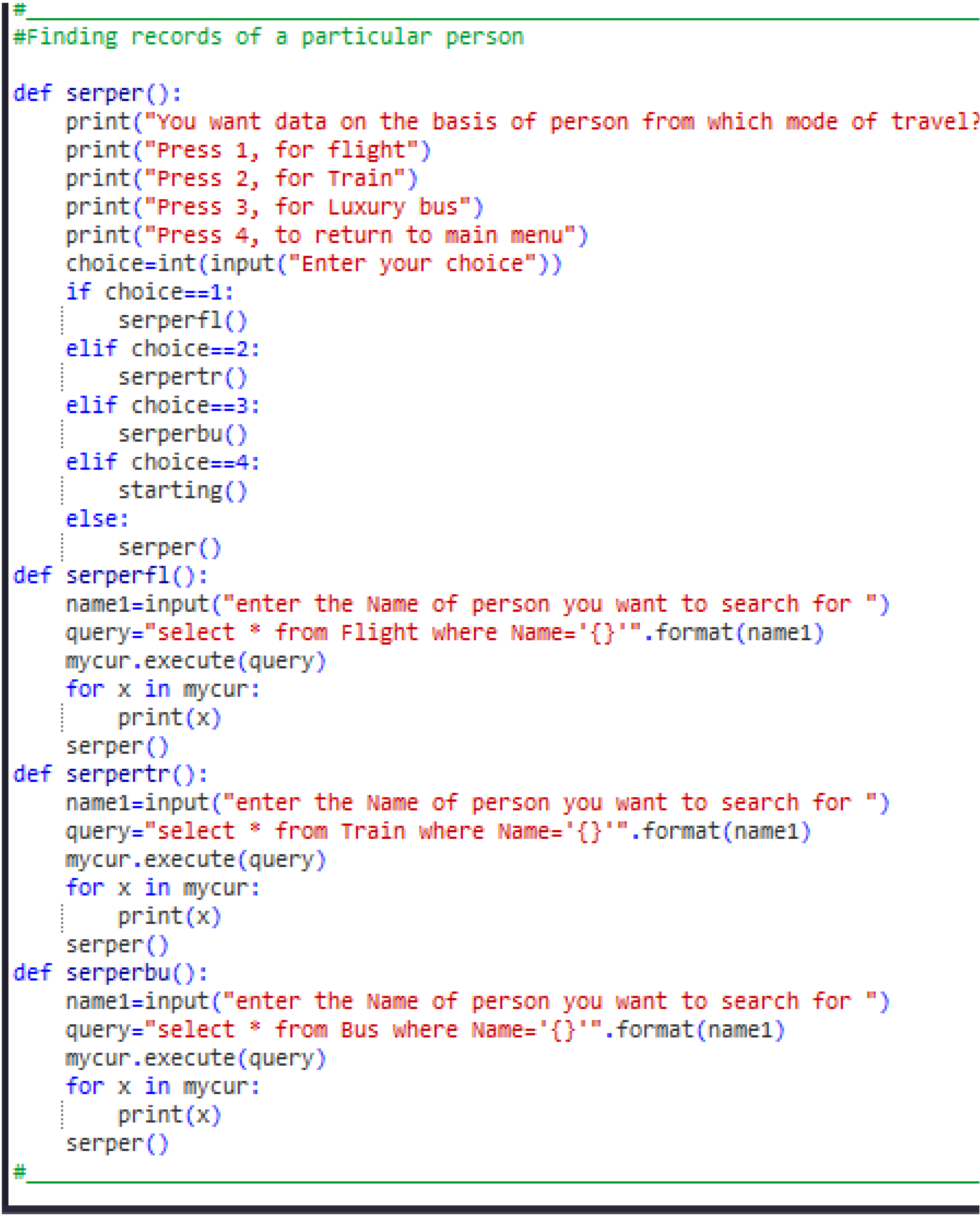
```
def insert3(name3,id3,date3,class3,from3,to3,bt3,seat3):          #used in bus_info
    query="insert into Bus(Name, Bus, Travel_date, Class_, From_, To_, Boarding_time,Seat) values ('{}',{},'{}','{}','{}','{}','{}','{}')".format(name3,id3,date3,class3,from3,to3,bt3,
    mycur.execute(query)
    mydb.commit()
    print("Successfully added to records")
```



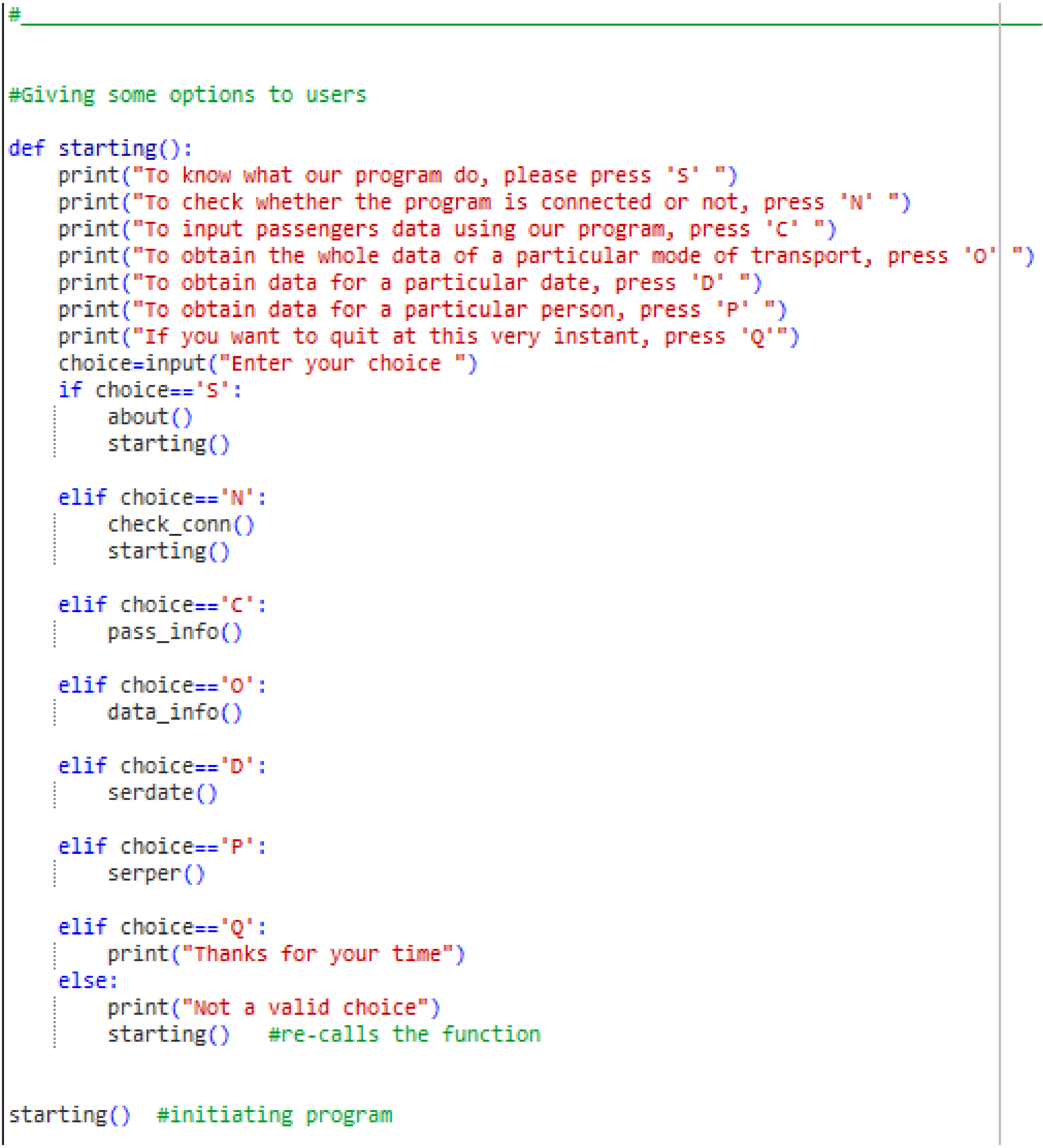
```
def save_bus():                          #for saving info
    import csv
    with open("travel_bus.csv",'a') as f:
        fw=csv.writer(f)
        fw.writerows(l4)
        print("Data succesfully saved")

    pass_info()

def data_bus():
    mycur.execute("select * from Bus")
    for x in mycur:
        print(x)
    data_info()

#______________________________________________________________
```



```
#Searching for data

#Searching on basis of date of travel from flight
def serdate():
    print("You want data on the basis of date from which mode of travel?")
    print("Press 1, for flight")
    print("Press 2, for Train")
    print("Press 3, for Luxury bus")
    print("Press 4, to return to main menu")
    choice=int(input("Enter your choice"))
    if choice==1:
        serdatefl()
    elif choice==2:
        serdatetr()
    elif choice==3:
        serdatebu()
    elif choice==4:
        starting()
    else:
        serdate()

def serdatefl():
    date=input("enter the date you want to searchs record for,(YYYY-MM-DD) ")
    query="select * from Flight where Travel_date='{}'".format(date)
    mycur.execute(query)
    for x in mycur:
        print(x)
    serdate()
def serdatetr():
    date=input("enter the date you want to searchs record for,(YYYY-MM-DD) ")
    query="select * from Train where Travel_date='{}'".format(date)
    mycur.execute(query)
    for x in mycur:
        print(x)
    serdate()
def serdatebu():
    date=input("enter the date you want to searchs record for,(YYYY-MM-DD) ")
    query="select * from Bus where Travel_date='{}'".format(date)
    mycur.execute(query)
    for x in mycur:
        print(x)
    serdate()
#
```



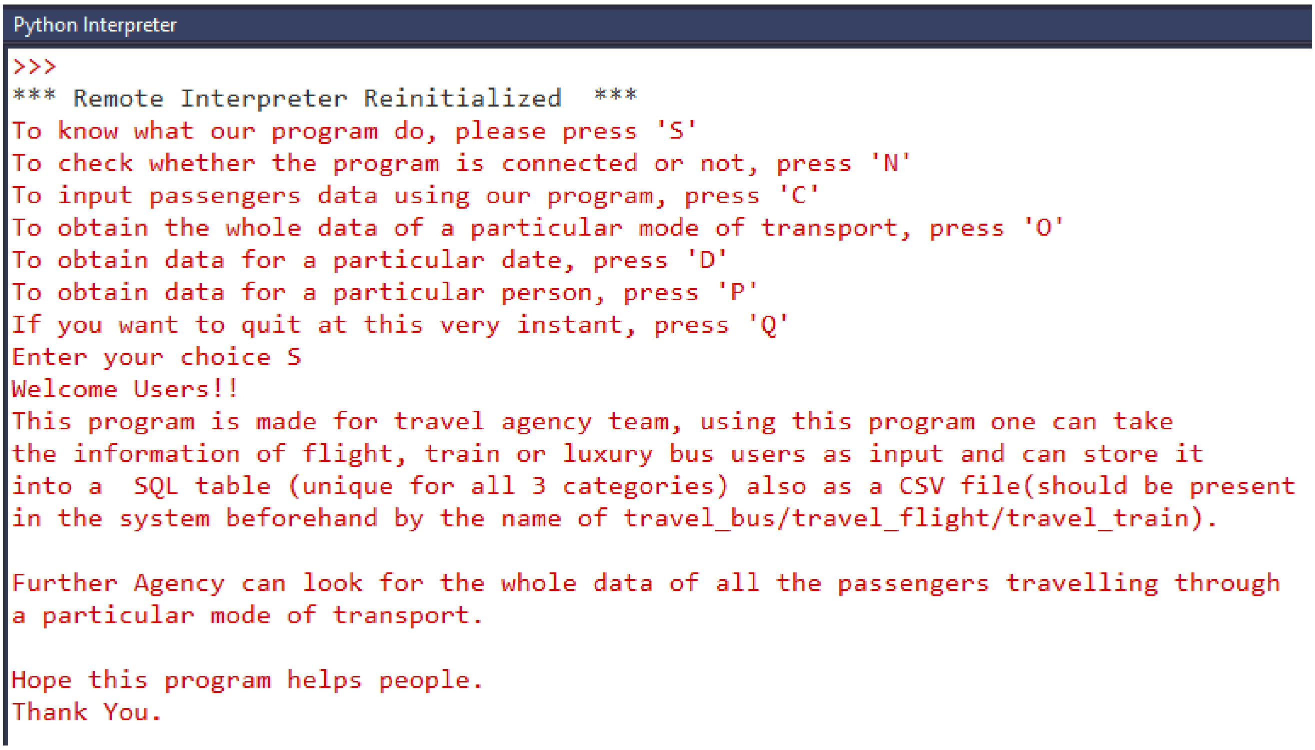
```
#
#Finding records of a particular person

def serper():
    print("You want data on the basis of person from which mode of travel?
    print("Press 1, for flight")
    print("Press 2, for Train")
    print("Press 3, for Luxury bus")
    print("Press 4, to return to main menu")
    choice=int(input("Enter your choice"))
    if choice==1:
        serperfl()
    elif choice==2:
        serpertr()
    elif choice==3:
        serperbu()
    elif choice==4:
        starting()
    else:
        serper()
def serperfl():
    name1=input("enter the Name of person you want to search for ")
    query="select * from Flight where Name='{}'".format(name1)
    mycur.execute(query)
    for x in mycur:
        print(x)
    serper()
def serpertr():
    name1=input("enter the Name of person you want to search for ")
    query="select * from Train where Name='{}'".format(name1)
    mycur.execute(query)
    for x in mycur:
        print(x)
    serper()
def serperbu():
    name1=input("enter the Name of person you want to search for ")
    query="select * from Bus where Name='{}'".format(name1)
    mycur.execute(query)
    for x in mycur:
        print(x)
    serper()
#
```



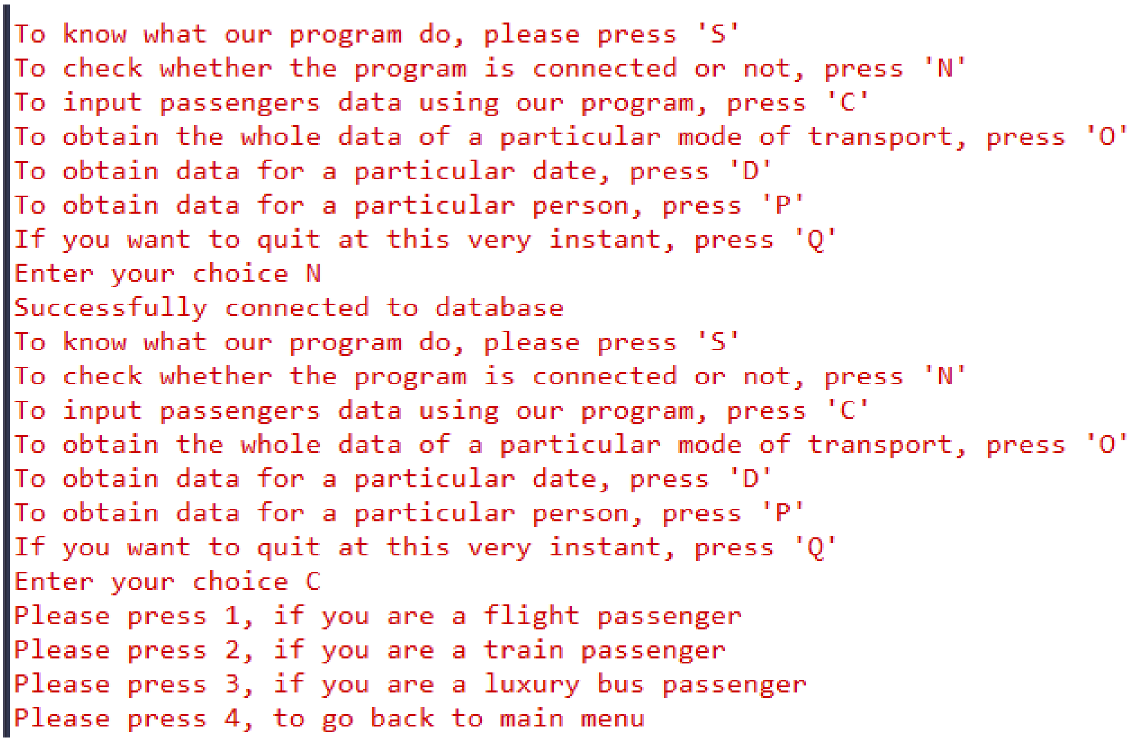
```
#______________________________________________________________________________



#Giving some options to users

def starting():
    print("To know what our program do, please press 'S' ")
    print("To check whether the program is connected or not, press 'N' ")
    print("To input passengers data using our program, press 'C' ")
    print("To obtain the whole data of a particular mode of transport, press 'O' ")
    print("To obtain data for a particular date, press 'D' ")
    print("To obtain data for a particular person, press 'P' ")
    print("If you want to quit at this very instant, press 'Q'")
    choice=input("Enter your choice ")
    if choice=='S':
        about()
        starting()

    elif choice=='N':
        check_conn()
        starting()

    elif choice=='C':
        pass_info()

    elif choice=='O':
        data_info()

    elif choice=='D':
        serdate()

    elif choice=='P':
        serper()

    elif choice=='Q':
        print("Thanks for your time")
    else:
        print("Not a valid choice")
        starting()   #re-calls the function


starting()  #initiating program
```

OUTPUT

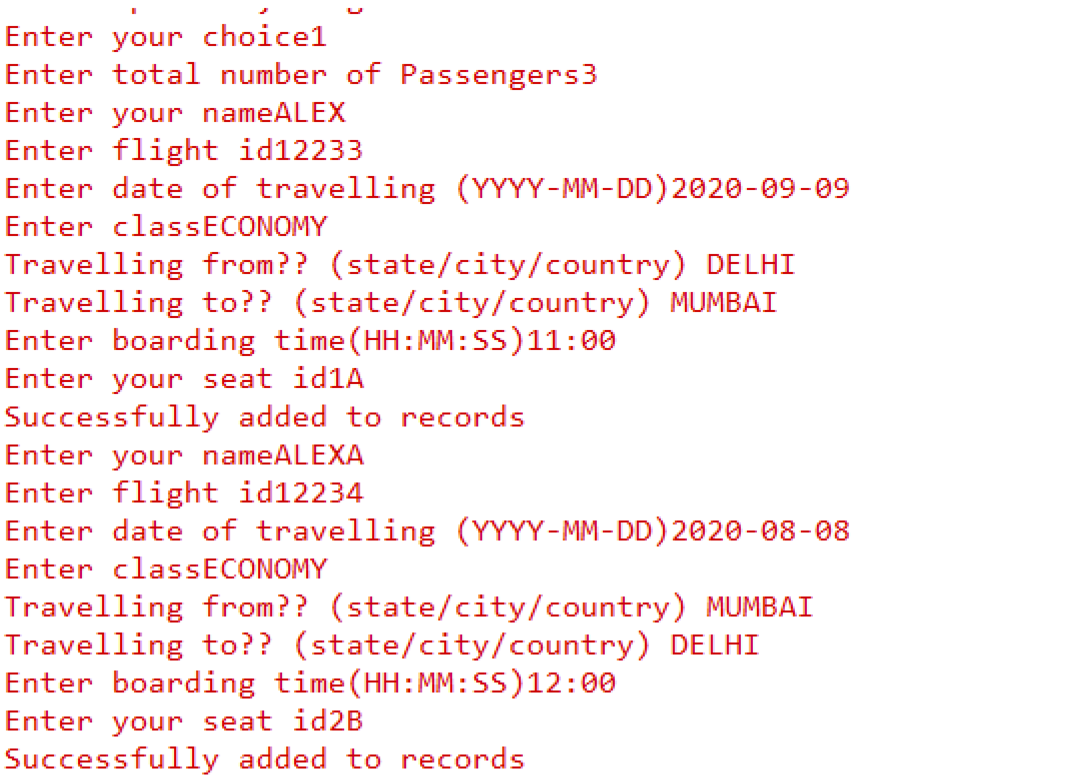
IN PYTHON



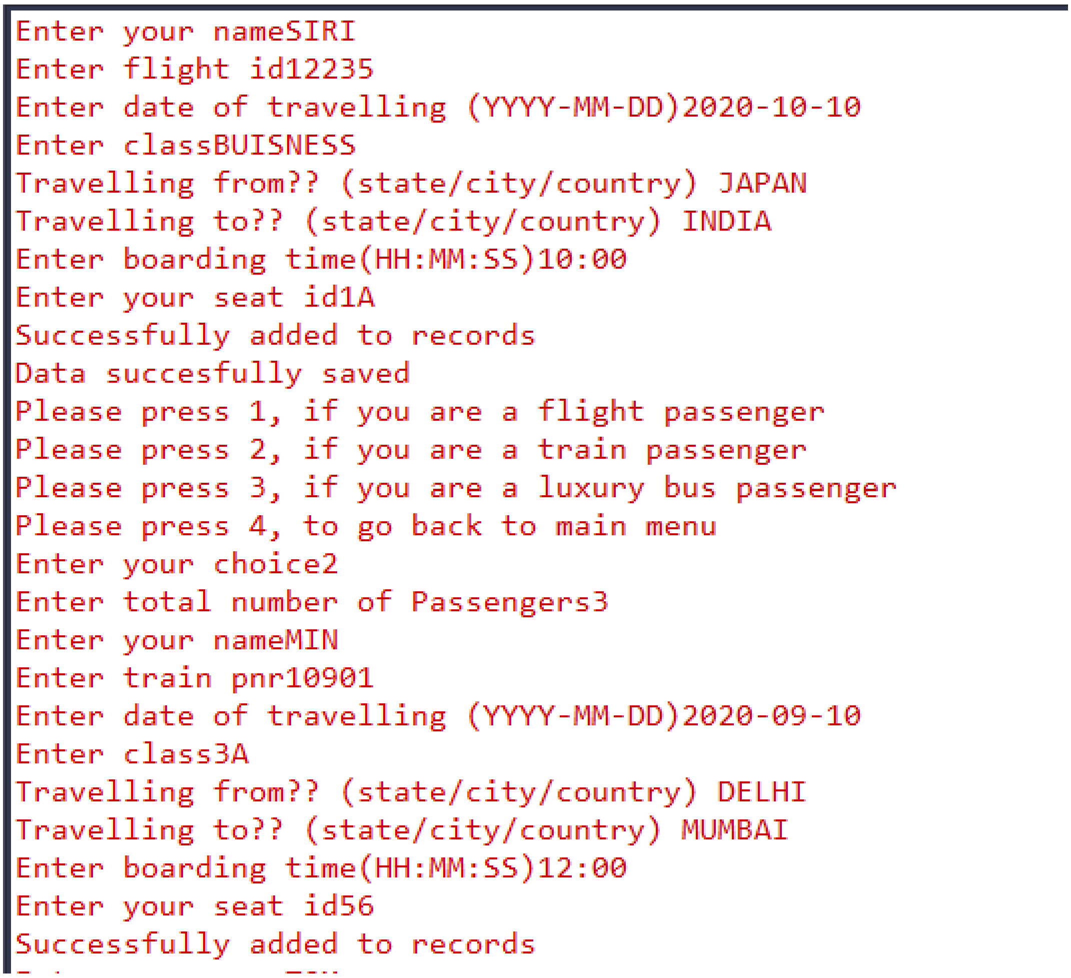
```
>>>
*** Remote Interpreter Reinitialized  ***
To know what our program do, please press 'S'
To check whether the program is connected or not, press 'N'
To input passengers data using our program, press 'C'
To obtain the whole data of a particular mode of transport, press 'O'
To obtain data for a particular date, press 'D'
To obtain data for a particular person, press 'P'
If you want to quit at this very instant, press 'Q'
Enter your choice S
Welcome Users!!
This program is made for travel agency team, using this program one can take
the information of flight, train or luxury bus users as input and can store it
into a  SQL table (unique for all 3 categories) also as a CSV file(should be present
in the system beforehand by the name of travel_bus/travel_flight/travel_train).

Further Agency can look for the whole data of all the passengers travelling through
a particular mode of transport.

Hope this program helps people.
Thank You.
```



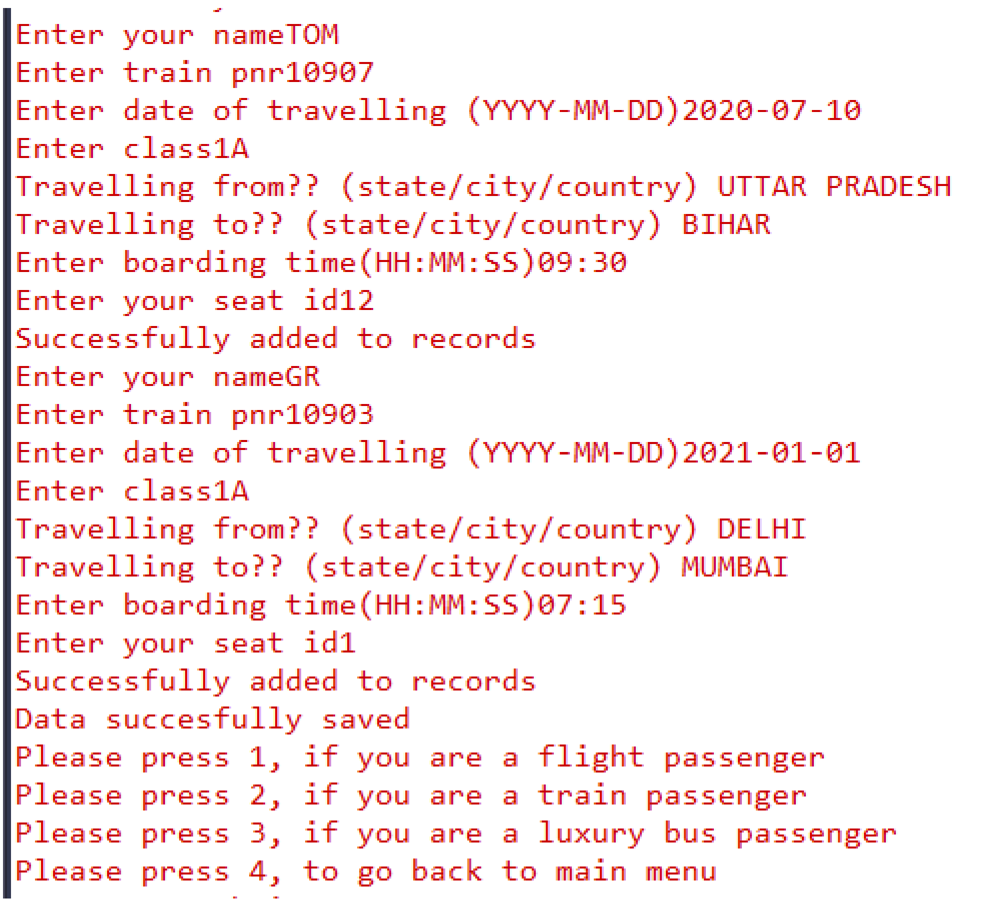
```
To know what our program do, please press 'S'
To check whether the program is connected or not, press 'N'
To input passengers data using our program, press 'C'
To obtain the whole data of a particular mode of transport, press 'O'
To obtain data for a particular date, press 'D'
To obtain data for a particular person, press 'P'
If you want to quit at this very instant, press 'Q'
Enter your choice N
Successfully connected to database
To know what our program do, please press 'S'
To check whether the program is connected or not, press 'N'
To input passengers data using our program, press 'C'
To obtain the whole data of a particular mode of transport, press 'O'
To obtain data for a particular date, press 'D'
To obtain data for a particular person, press 'P'
If you want to quit at this very instant, press 'Q'
Enter your choice C
Please press 1, if you are a flight passenger
Please press 2, if you are a train passenger
Please press 3, if you are a luxury bus passenger
Please press 4, to go back to main menu
```



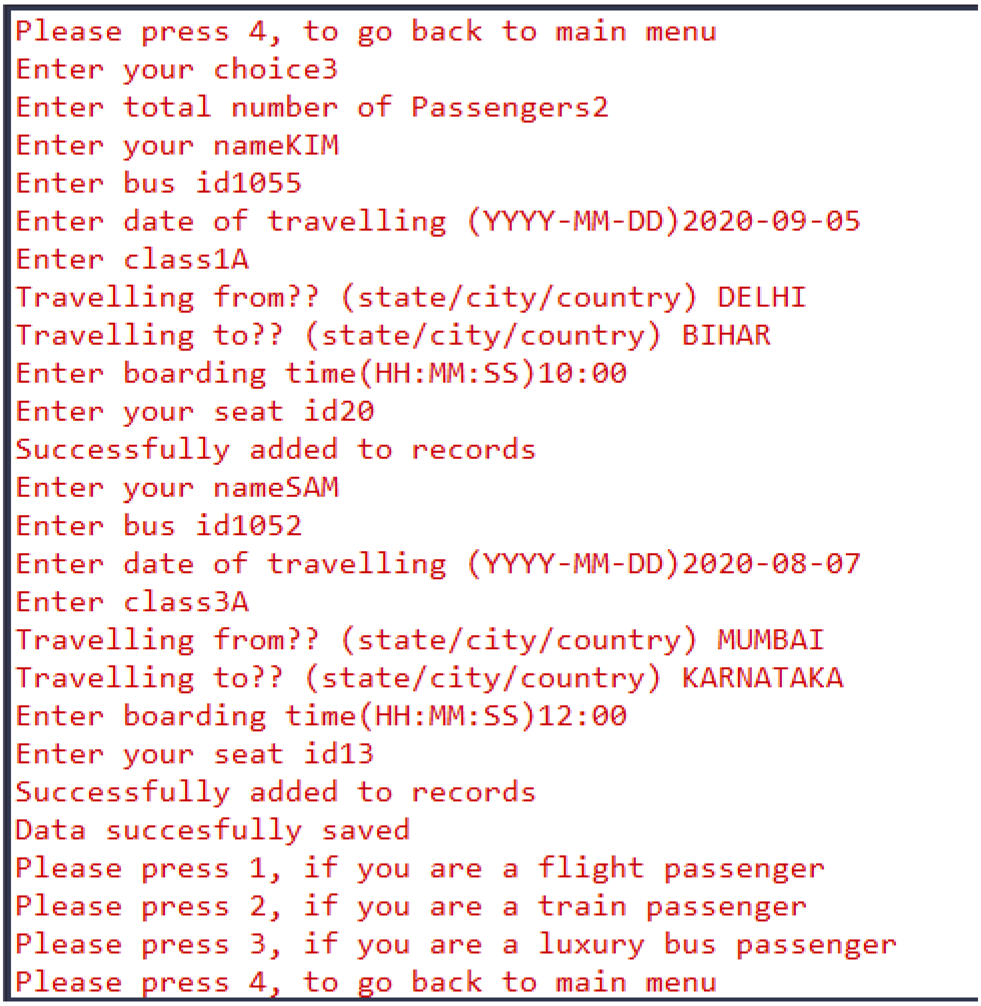
```
Enter your choice1
Enter total number of Passengers3
Enter your nameALEX
Enter flight id12233
Enter date of travelling (YYYY-MM-DD)2020-09-09
Enter classECONOMY
Travelling from?? (state/city/country) DELHI
Travelling to?? (state/city/country) MUMBAI
Enter boarding time(HH:MM:SS)11:00
Enter your seat id1A
Successfully added to records
Enter your nameALEXA
Enter flight id12234
Enter date of travelling (YYYY-MM-DD)2020-08-08
Enter classECONOMY
Travelling from?? (state/city/country) MUMBAI
Travelling to?? (state/city/country) DELHI
Enter boarding time(HH:MM:SS)12:00
Enter your seat id2B
Successfully added to records
```



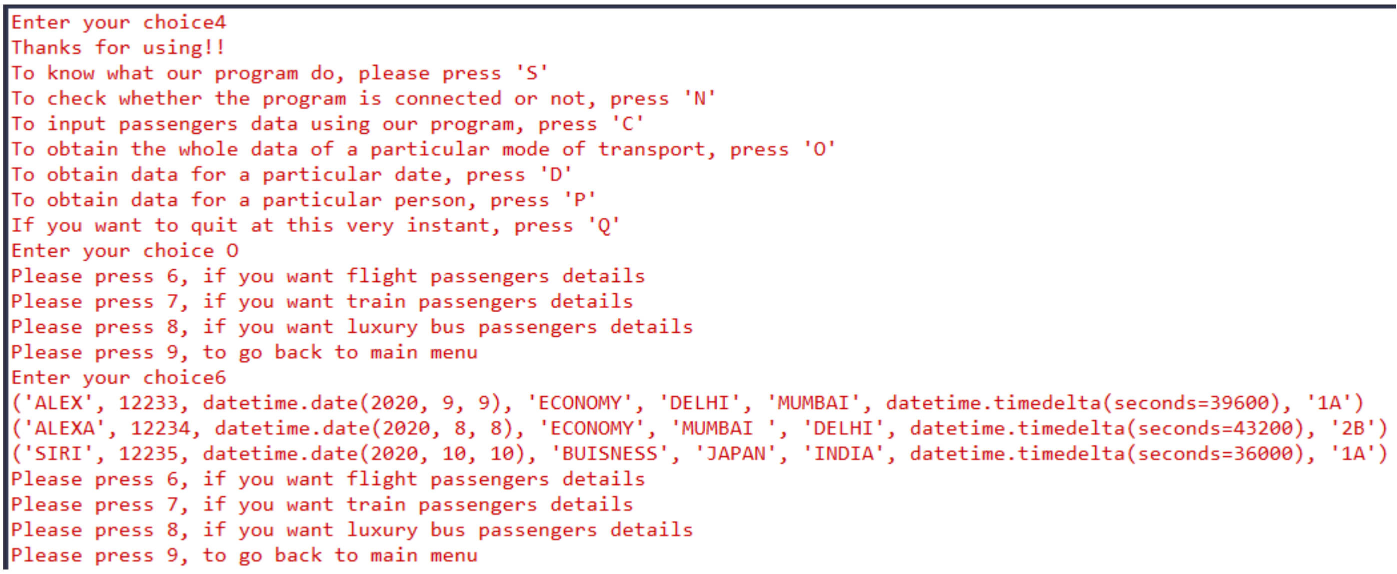
```
Enter your nameSIRI
Enter flight id12235
Enter date of travelling (YYYY-MM-DD)2020-10-10
Enter classBUISNESS
Travelling from?? (state/city/country) JAPAN
Travelling to?? (state/city/country) INDIA
Enter boarding time(HH:MM:SS)10:00
Enter your seat id1A
Successfully added to records
Data succesfully saved
Please press 1, if you are a flight passenger
Please press 2, if you are a train passenger
Please press 3, if you are a luxury bus passenger
Please press 4, to go back to main menu
Enter your choice2
Enter total number of Passengers3
Enter your nameMIN
Enter train pnr10901
Enter date of travelling (YYYY-MM-DD)2020-09-10
Enter class3A
Travelling from?? (state/city/country) DELHI
Travelling to?? (state/city/country) MUMBAI
Enter boarding time(HH:MM:SS)12:00
Enter your seat id56
Successfully added to records
```



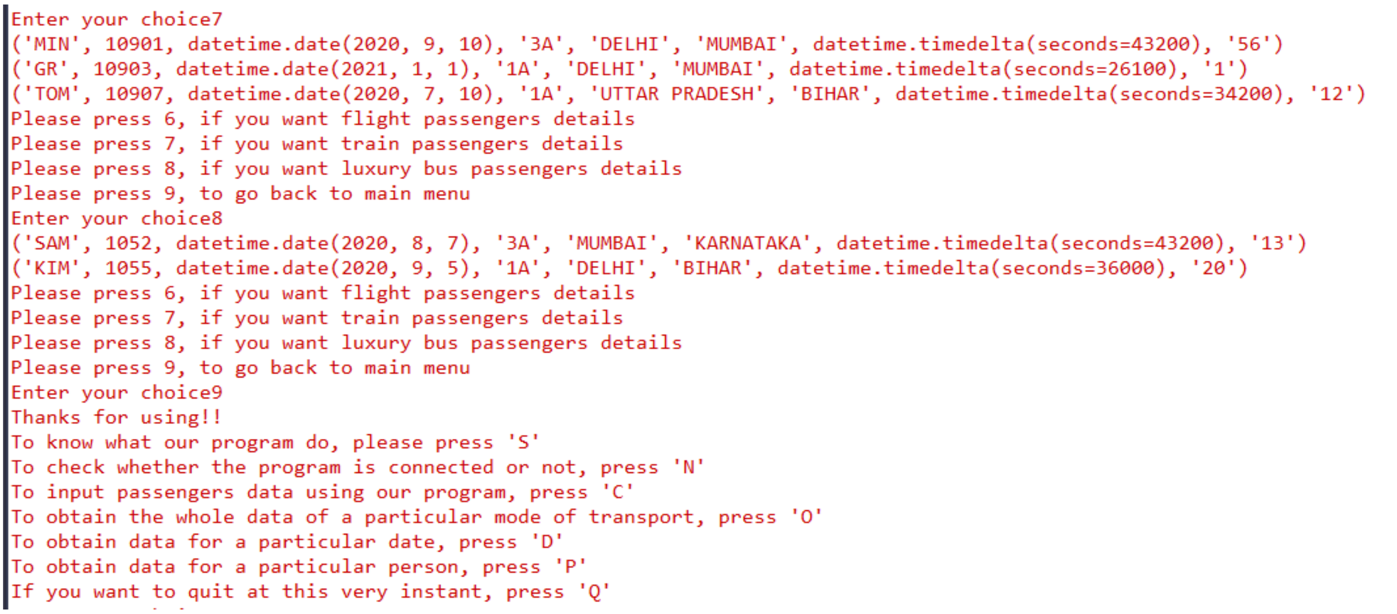
```
Enter your nameTOM
Enter train pnr10907
Enter date of travelling (YYYY-MM-DD)2020-07-10
Enter class1A
Travelling from?? (state/city/country) UTTAR PRADESH
Travelling to?? (state/city/country) BIHAR
Enter boarding time(HH:MM:SS)09:30
Enter your seat id12
Successfully added to records
Enter your nameGR
Enter train pnr10903
Enter date of travelling (YYYY-MM-DD)2021-01-01
Enter class1A
Travelling from?? (state/city/country) DELHI
Travelling to?? (state/city/country) MUMBAI
Enter boarding time(HH:MM:SS)07:15
Enter your seat id1
Successfully added to records
Data succesfully saved
Please press 1, if you are a flight passenger
Please press 2, if you are a train passenger
Please press 3, if you are a luxury bus passenger
Please press 4, to go back to main menu
```



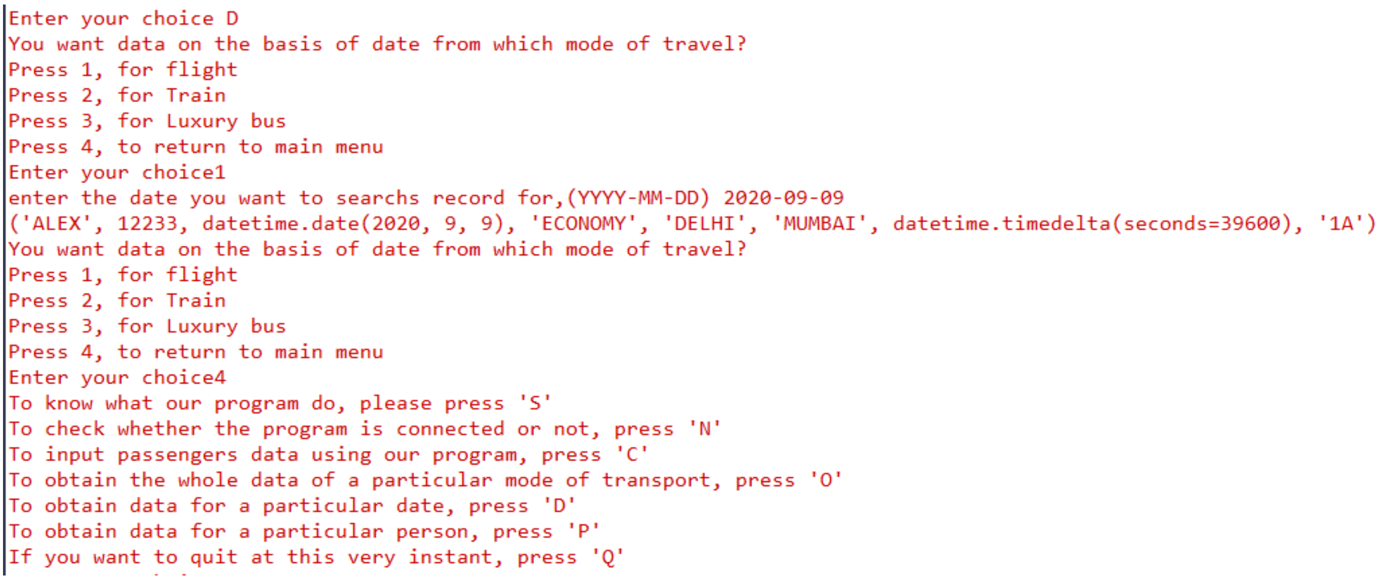
```
Please press 4, to go back to main menu
Enter your choice3
Enter total number of Passengers2
Enter your nameKIM
Enter bus id1055
Enter date of travelling (YYYY-MM-DD)2020-09-05
Enter class1A
Travelling from?? (state/city/country) DELHI
Travelling to?? (state/city/country) BIHAR
Enter boarding time(HH:MM:SS)10:00
Enter your seat id20
Successfully added to records
Enter your nameSAM
Enter bus id1052
Enter date of travelling (YYYY-MM-DD)2020-08-07
Enter class3A
Travelling from?? (state/city/country) MUMBAI
Travelling to?? (state/city/country) KARNATAKA
Enter boarding time(HH:MM:SS)12:00
Enter your seat id13
Successfully added to records
Data succesfully saved
Please press 1, if you are a flight passenger
Please press 2, if you are a train passenger
Please press 3, if you are a luxury bus passenger
Please press 4, to go back to main menu
```



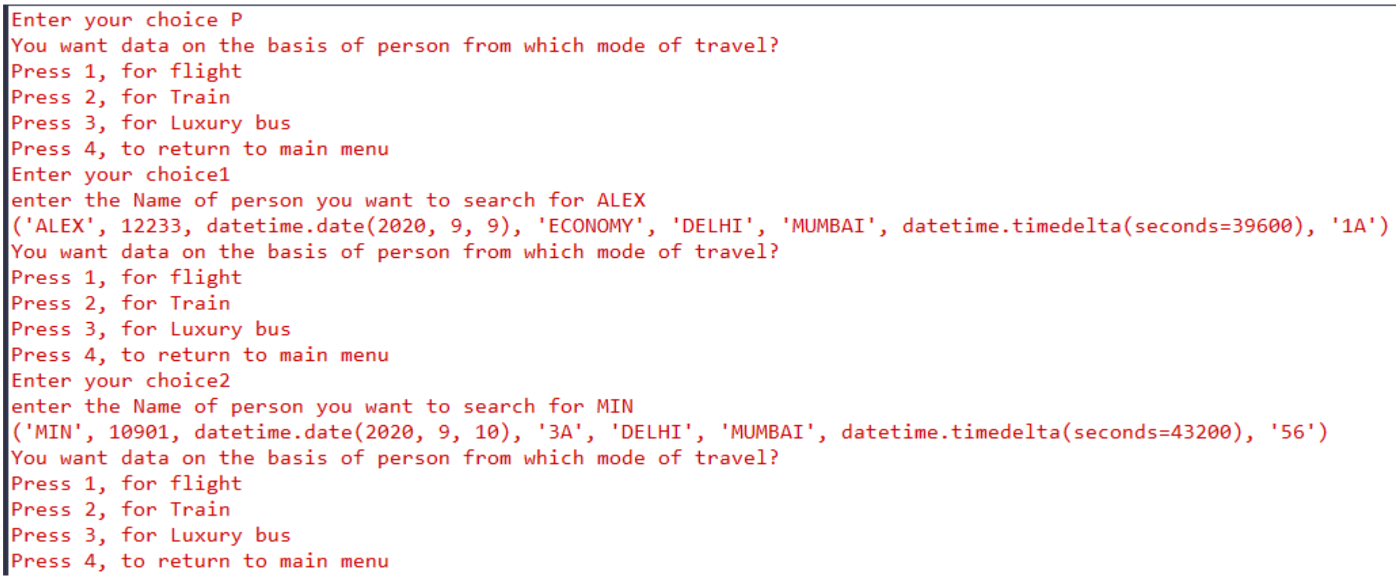
```
Enter your choice4
Thanks for using!!
To know what our program do, please press 'S'
To check whether the program is connected or not, press 'N'
To input passengers data using our program, press 'C'
To obtain the whole data of a particular mode of transport, press 'O'
To obtain data for a particular date, press 'D'
To obtain data for a particular person, press 'P'
If you want to quit at this very instant, press 'Q'
Enter your choice O
Please press 6, if you want flight passengers details
Please press 7, if you want train passengers details
Please press 8, if you want luxury bus passengers details
Please press 9, to go back to main menu
Enter your choice6
('ALEX', 12233, datetime.date(2020, 9, 9), 'ECONOMY', 'DELHI', 'MUMBAI', datetime.timedelta(seconds=39600), '1A')
('ALEXA', 12234, datetime.date(2020, 8, 8), 'ECONOMY', 'MUMBAI ', 'DELHI', datetime.timedelta(seconds=43200), '2B')
('SIRI', 12235, datetime.date(2020, 10, 10), 'BUISNESS', 'JAPAN', 'INDIA', datetime.timedelta(seconds=36000), '1A')
Please press 6, if you want flight passengers details
Please press 7, if you want train passengers details
Please press 8, if you want luxury bus passengers details
Please press 9, to go back to main menu
```



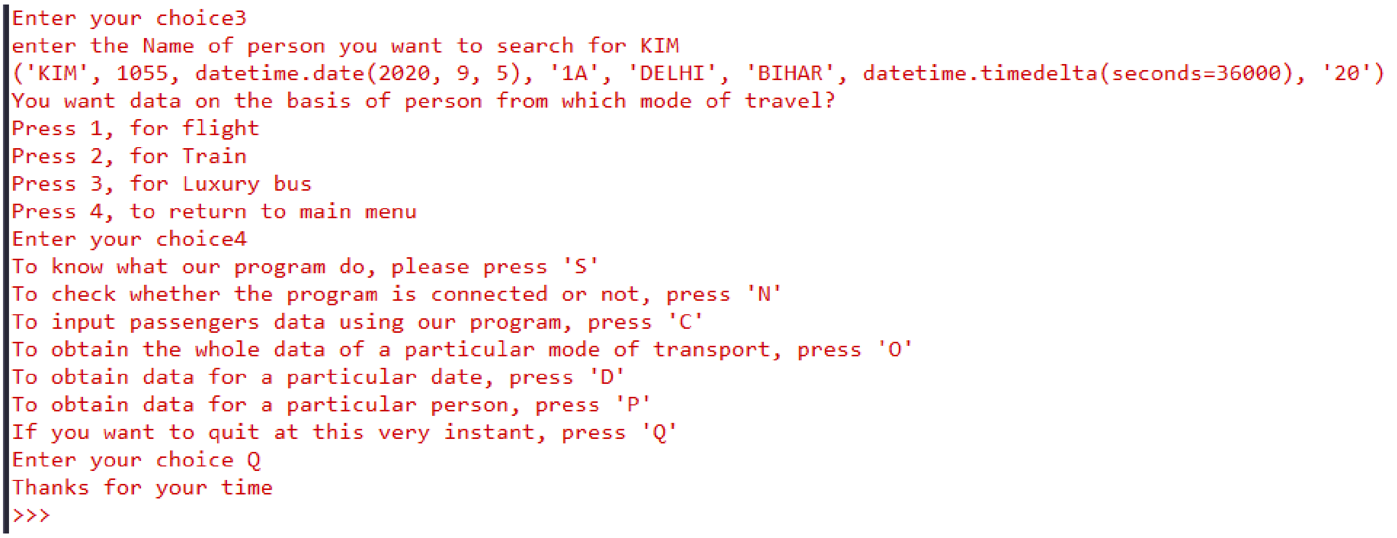
```
Enter your choice7
('MIN', 10901, datetime.date(2020, 9, 10), '3A', 'DELHI', 'MUMBAI', datetime.timedelta(seconds=43200), '56')
('GR', 10903, datetime.date(2021, 1, 1), '1A', 'DELHI', 'MUMBAI', datetime.timedelta(seconds=26100), '1')
('TOM', 10907, datetime.date(2020, 7, 10), '1A', 'UTTAR PRADESH', 'BIHAR', datetime.timedelta(seconds=34200), '12')
Please press 6, if you want flight passengers details
Please press 7, if you want train passengers details
Please press 8, if you want luxury bus passengers details
Please press 9, to go back to main menu
Enter your choice8
('SAM', 1052, datetime.date(2020, 8, 7), '3A', 'MUMBAI', 'KARNATAKA', datetime.timedelta(seconds=43200), '13')
('KIM', 1055, datetime.date(2020, 9, 5), '1A', 'DELHI', 'BIHAR', datetime.timedelta(seconds=36000), '20')
Please press 6, if you want flight passengers details
Please press 7, if you want train passengers details
Please press 8, if you want luxury bus passengers details
Please press 9, to go back to main menu
Enter your choice9
Thanks for using!!
To know what our program do, please press 'S'
To check whether the program is connected or not, press 'N'
To input passengers data using our program, press 'C'
To obtain the whole data of a particular mode of transport, press 'O'
To obtain data for a particular date, press 'D'
To obtain data for a particular person, press 'P'
If you want to quit at this very instant, press 'Q'
```



```
Enter your choice D
You want data on the basis of date from which mode of travel?
Press 1, for flight
Press 2, for Train
Press 3, for Luxury bus
Press 4, to return to main menu
Enter your choice1
enter the date you want to searchs record for,(YYYY-MM-DD) 2020-09-09
('ALEX', 12233, datetime.date(2020, 9, 9), 'ECONOMY', 'DELHI', 'MUMBAI', datetime.timedelta(seconds=39600), '1A')
You want data on the basis of date from which mode of travel?
Press 1, for flight
Press 2, for Train
Press 3, for Luxury bus
Press 4, to return to main menu
Enter your choice4
To know what our program do, please press 'S'
To check whether the program is connected or not, press 'N'
To input passengers data using our program, press 'C'
To obtain the whole data of a particular mode of transport, press 'O'
To obtain data for a particular date, press 'D'
To obtain data for a particular person, press 'P'
If you want to quit at this very instant, press 'Q'
```

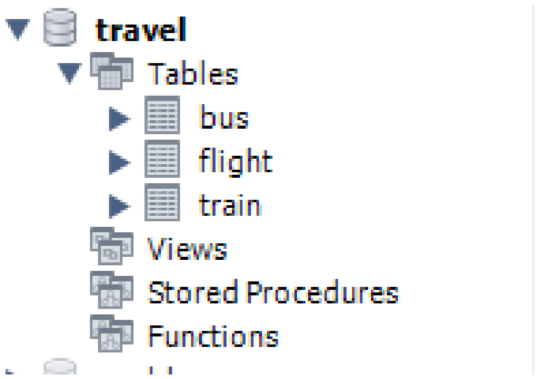


```
Enter your choice P
You want data on the basis of person from which mode of travel?
Press 1, for flight
Press 2, for Train
Press 3, for Luxury bus
Press 4, to return to main menu
Enter your choice1
enter the Name of person you want to search for ALEX
('ALEX', 12233, datetime.date(2020, 9, 9), 'ECONOMY', 'DELHI', 'MUMBAI', datetime.timedelta(seconds=39600), '1A')
You want data on the basis of person from which mode of travel?
Press 1, for flight
Press 2, for Train
Press 3, for Luxury bus
Press 4, to return to main menu
Enter your choice2
enter the Name of person you want to search for MIN
('MIN', 10901, datetime.date(2020, 9, 10), '3A', 'DELHI', 'MUMBAI', datetime.timedelta(seconds=43200), '56')
You want data on the basis of person from which mode of travel?
Press 1, for flight
Press 2, for Train
Press 3, for Luxury bus
Press 4, to return to main menu
```

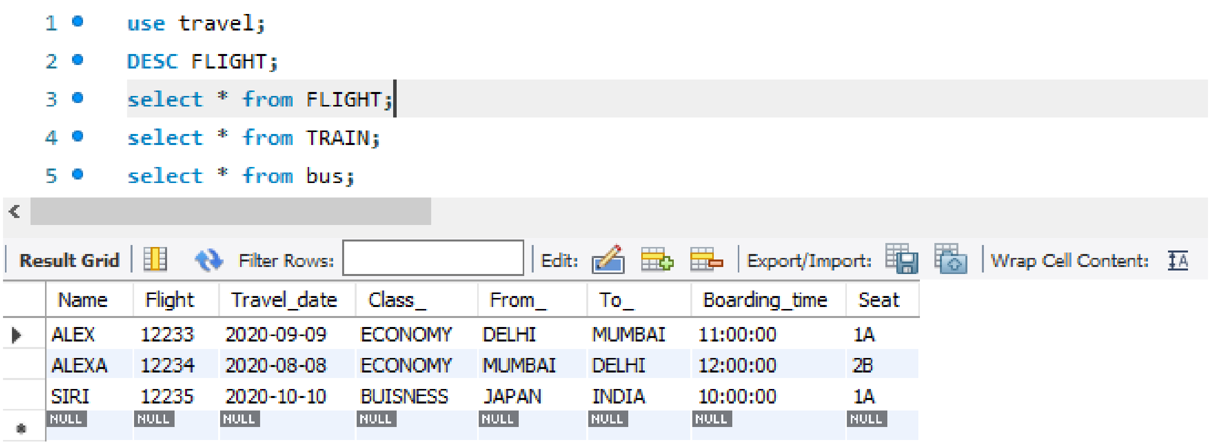


```
Enter your choice3
enter the Name of person you want to search for KIM
('KIM', 1055, datetime.date(2020, 9, 5), '1A', 'DELHI', 'BIHAR', datetime.timedelta(seconds=36000), '20')
You want data on the basis of person from which mode of travel?
Press 1, for flight
Press 2, for Train
Press 3, for Luxury bus
Press 4, to return to main menu
Enter your choice4
To know what our program do, please press 'S'
To check whether the program is connected or not, press 'N'
To input passengers data using our program, press 'C'
To obtain the whole data of a particular mode of transport, press 'O'
To obtain data for a particular date, press 'D'
To obtain data for a particular person, press 'P'
If you want to quit at this very instant, press 'Q'
Enter your choice Q
Thanks for your time
>>>
```

IN SQL

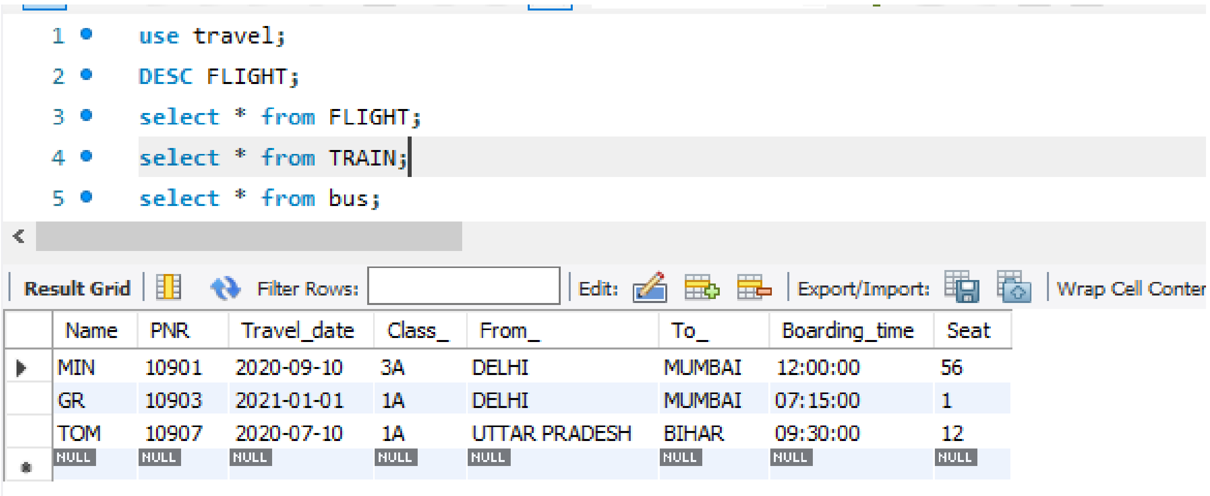


- travel
  - Tables
    - bus
    - flight
    - train
  - Views
  - Stored Procedures
  - Functions



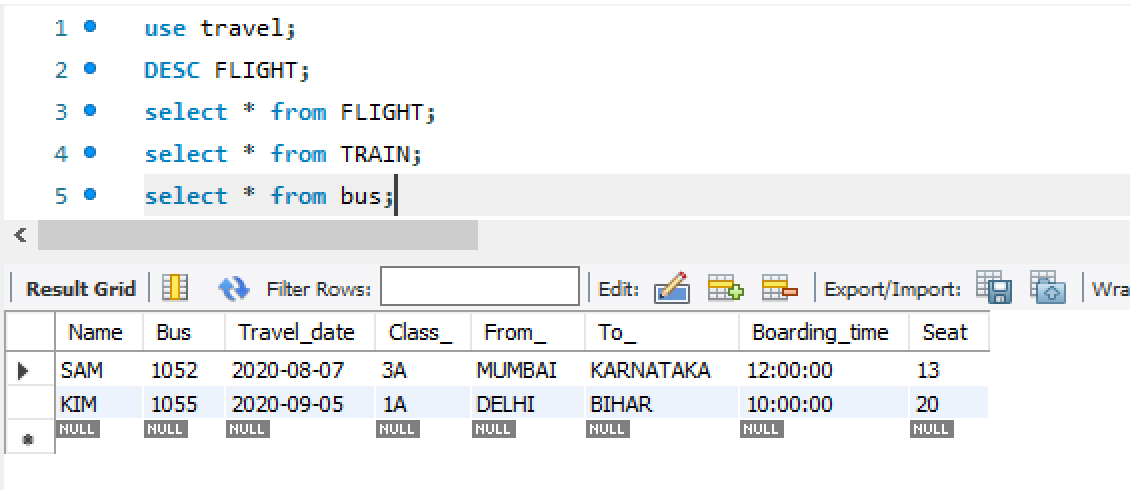
```
use travel;
DESC FLIGHT;
select * from FLIGHT;
select * from TRAIN;
select * from bus;
```

Name	Flight	Travel_date	Class_	From_	To_	Boarding_time	Seat
ALEX	12233	2020-09-09	ECONOMY	DELHI	MUMBAI	11:00:00	1A
ALEXA	12234	2020-08-08	ECONOMY	MUMBAI	DELHI	12:00:00	2B
SIRI	12235	2020-10-10	BUISNESS	JAPAN	INDIA	10:00:00	1A
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL



```
use travel;
DESC FLIGHT;
select * from FLIGHT;
select * from TRAIN;
select * from bus;
```

Name	PNR	Travel_date	Class_	From_	To_	Boarding_time	Seat
MIN	10901	2020-09-10	3A	DELHI	MUMBAI	12:00:00	56
GR	10903	2021-01-01	1A	DELHI	MUMBAI	07:15:00	1
TOM	10907	2020-07-10	1A	UTTAR PRADESH	BIHAR	09:30:00	12
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

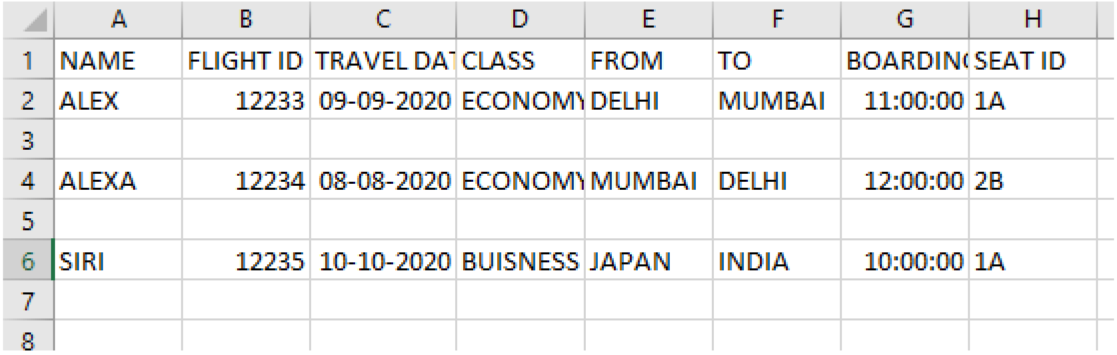


```
use travel;
DESC FLIGHT;
select * from FLIGHT;
select * from TRAIN;
select * from bus;
```

Name	Bus	Travel_date	Class_	From_	To_	Boarding_time	Seat
SAM	1052	2020-08-07	3A	MUMBAI	KARNATAKA	12:00:00	13
KIM	1055	2020-09-05	1A	DELHI	BIHAR	10:00:00	20
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

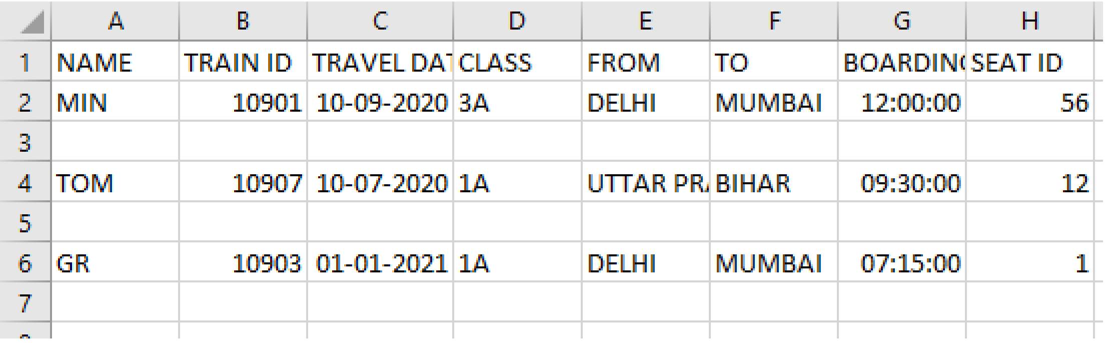
IN EXCEL FILES

travel_flight



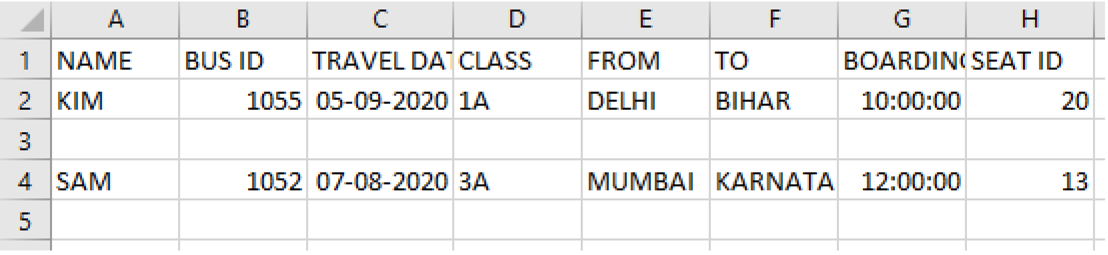
	A	B	C	D	E	F	G	H
1	NAME	FLIGHT ID	TRAVEL DAT	CLASS	FROM	TO	BOARDIN(	SEAT ID
2	ALEX	12233	09-09-2020	ECONOMY	DELHI	MUMBAI	11:00:00	1A
3								
4	ALEXA	12234	08-08-2020	ECONOMY	MUMBAI	DELHI	12:00:00	2B
5								
6	SIRI	12235	10-10-2020	BUISNESS	JAPAN	INDIA	10:00:00	1A
7								
8								

travel_train



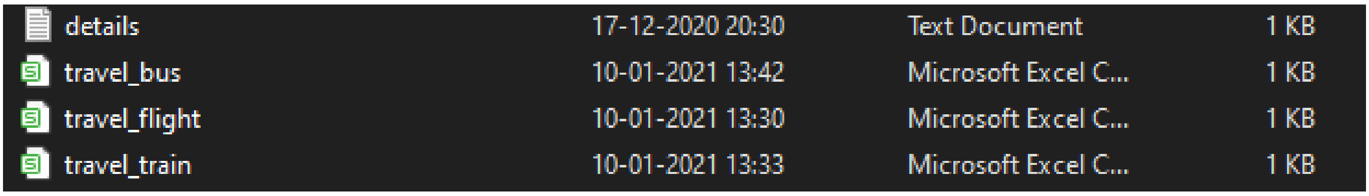
	A	B	C	D	E	F	G	H
1	NAME	TRAIN ID	TRAVEL DAT	CLASS	FROM	TO	BOARDIN(	SEAT ID
2	MIN	10901	10-09-2020	3A	DELHI	MUMBAI	12:00:00	56
3								
4	TOM	10907	10-07-2020	1A	UTTAR PR/	BIHAR	09:30:00	12
5								
6	GR	10903	01-01-2021	1A	DELHI	MUMBAI	07:15:00	1
7								

travel_bus



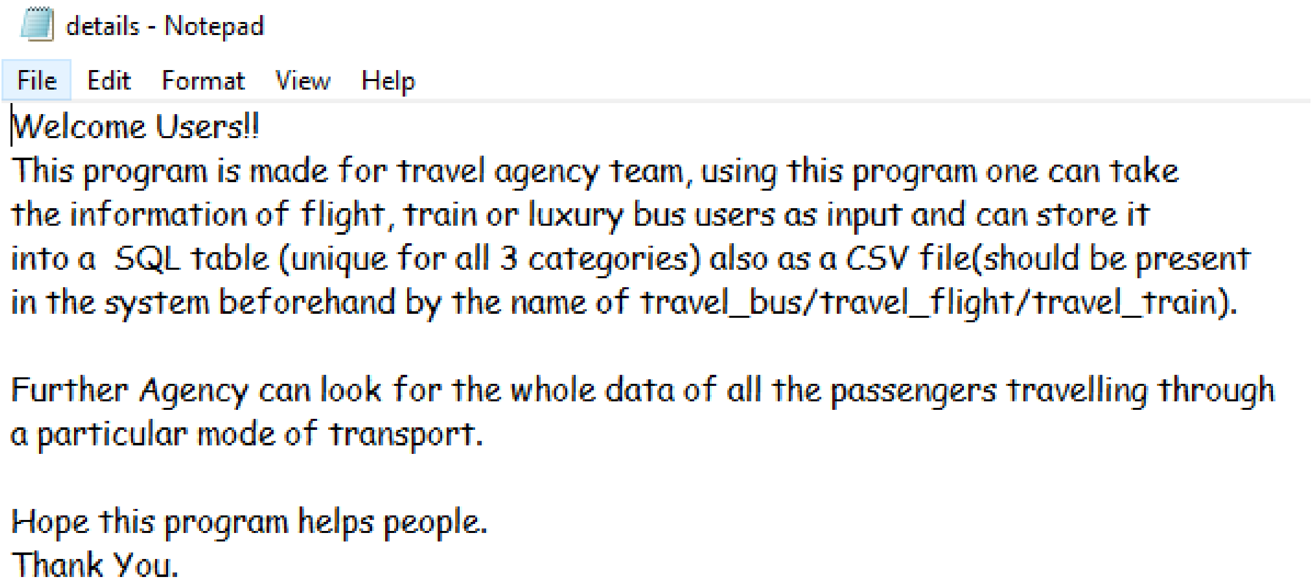
	A	B	C	D	E	F	G	H
1	NAME	BUS ID	TRAVEL DAT	CLASS	FROM	TO	BOARDIN(	SEAT ID
2	KIM	1055	05-09-2020	1A	DELHI	BIHAR	10:00:00	20
3								
4	SAM	1052	07-08-2020	3A	MUMBAI	KARNATA	12:00:00	13
5								

#PRE-EXISTING FILES:



details	17-12-2020 20:30	Text Document	1 KB
travel_bus	10-01-2021 13:42	Microsoft Excel C...	1 KB
travel_flight	10-01-2021 13:30	Microsoft Excel C...	1 KB
travel_train	10-01-2021 13:33	Microsoft Excel C...	1 KB

- Inside details.txt



Welcome Users!!
This program is made for travel agency team, using this program one can take the information of flight, train or luxury bus users as input and can store it into a SQL table (unique for all 3 categories) also as a CSV file(should be present in the system beforehand by the name of travel_bus/travel_flight/travel_train).

Further Agency can look for the whole data of all the passengers travelling through a particular mode of transport.

Hope this program helps people.
Thank You.

FUTURE ENHANCEMENT OF PROJECT

For the future of this project, it would be great to add functions for searching over more parameters, also if possible then creating the csv file within the program(no pre-existing file) without loosing previous data. Also, I would like to extend this project such that it could include more parameters and can a store more different types of information.

Taking this project for travel agency management system in view, I would like to make a program for travellers also.

BIBLIOGRAPHY

In completing this project, I have taken help from the following sources-

Sites:

- ✔ www.google.com
- ✔ www.wikipedia.org

Book:

- ✔ Computer Science with Python by Sumita Arora.

THANK YOU

- GARIMA RANJAN
- XII A