# Create Database

import mysql.connector

mydb = mysql.connector.connect(

host="localhost",

user="yourusername",

password="yourpassword"

)

mycursor = mydb.cursor()

mycursor.execute("CREATE DATABASE mydatabase")

print(“Database Created”)

#create table

import mysql.connector as sql

mydb = sql.connect(

host="localhost",

user="root",

password="Krishna@7",

database="mydatabase"

)

mycursor = mydb.cursor()

if mydb.is\_connected:

print("connected")

Table1="CREATE TABLE bus\_table (Bus\_Id VARCHAR(20), Route\_Id VARCHAR(20), Type VARCHAR(30), Total\_Seats VARCHAR(20), Amount VARCHAR(20))"

mycursor.execute(Table1)

Table2="CREATE TABLE Resrvation\_Table (bus\_id VARCHAR(20), route\_id VARCHAR(20), passenger\_name VARCHAR(30), seat\_no VARCHAR(20), Amount VARCHAR(20), Ticket\_status VARCHAR(30)"

mycursor.execute(Table2)

print(“Table 1 and Table 2 is created”)

# insert into table

import mysql.connector as sql

mydb = sql.connect(

host="localhost",

user="root",

password="Krishna@7",

database="mydatabase"

)

mycursor = mydb.cursor()

if mydb.is\_connected:

print("connected")

tblins = "INSERT INTO bus\_table VALUES(%s, %s, %s, %s, %s)"

vals=[('SL1', 'AS1', 'Sleeper', 40,300),

('S2', 'AS2', 'Ordinary', 56,100),

('SL2', 'AS2', 'Sleeper', 40,300),

('S3', 'ML1', 'Ordinary', 40,100),

('AC3', 'ML1', 'Air conditioned', 45,250),

('S4', 'ML2', 'Ordinary', 58,100),

('SL4', 'ML2', 'Sleeper', 45,300),

('S5', 'MID1', 'Ordinary', 58,100),

('AC5', 'MID1', 'Air conditioned', 45,250),

('V5', 'MID1', 'Volvo', 40,400),

('S6', 'MID2', 'Ordinary', 50,100),

('SL6', 'MID2', 'Sleeper', 40,300),

('S7', 'HL1', 'Ordinary', 56,100),

('V7', 'HL1', 'Volvo', 40,400),

('S8', 'HL2', 'Ordinary', 45,100),

('AC8', 'HL2', 'Air conditioned', 40,250),

('SL8', 'HL2', 'Sleeper', 40,300),

('S9', 'DUR1', 'Ordinary', 58,100),

('SL9', 'DUR1', 'Sleeper', 50,300)]

mycursor.executemany(tblins, vals)

mydb.commit()

print("Table executed successfully")

#main.py

import mysql.connector

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="Krishna@7",

database="mydatabase"

)

cur=mydb.cursor()

ticket=1

def reserveTable():

name=str(input("enter name:"))

busid=str(input("enter bus ID:"))

seat=str(input("Enter seat no:"))

data=cur.fetchall()

for i in data:

if i[0]==busid:

routeid=i[1]

amt=i[4]

sql="INSERT INTO Reservation\_Table VALUES (%s, %s, %s, %s, %s, %s)"

val=(busid,routeid,name,seat,amt,ticket)

cur.execute(sql,val)

mydb.commit()

print("The ticket is successfully reserved")

def cancelTicket():

busId=input("Enter bus ID:")

sno=input("Enter seat No:")

tblremove = "DELETE FROM Reservation\_Table WHERE bus\_id='" + busId + "'AND seat\_no='"+sno+"'"

cur.execute(tblremove)

mydb.commit()

print("Your ticket is deleted")

def statusPNR():

cur1=mydb.cursor()

cur1.execute("SELECT \* FROM Reservation\_Table")

data2=cur1.fetchall()

print("BusID RouteID Name Seat Amount Status")

for i in data2:

print(i[0],i[1],i[2],i[3],i[4],i[5],sep='|=|')

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

print(" BUS TICKET RESERVATION")

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

cur.execute("SELECT \* FROM bus\_table")

print("Welcome")

print("Select appropriate option")

print("1. Bus Time Table")

print("2. Reservation")

print("3. Cancellation")

print("4. PNR Status")

print("5. Exit\n\n")

while(1):

option=int(input("Enter Option:"))

if(option==1):

data=cur.fetchall()

print("BusID\tRouteID\tType\tSeats\tAmount\n")

for i in data:

print(i[0],i[1],i[2],i[3],i[4],sep='|=|')

print()

if option==2:

reserveTable()

ticket+=1

print()

if option==3:

cancelTicket()

print()

if option==4:

statusPNR()

print()

if option==5:

print("Ending...")

exit()