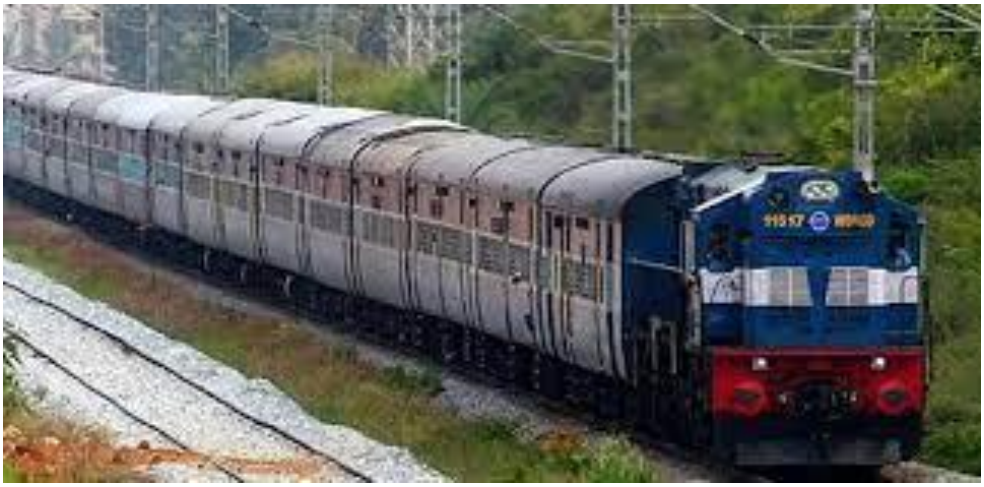
COMPUTER SCIENCE PROJECT

Railway Management



Submitted by:
Jenolin Jeba J
XII-A
20675810

PUSHPALATA Vidya mandir
SENIOR SECONDARY SCHOOL
Affiliation Code No: 1930237

CERTIFICATE

COMPUTER SCIENCE

Certified to be the bonafide project work done by **Jenolin Jeba J** of Class XII Section Ain PushpalataVidyaMandir, Tirunelveli-11 during the academic year 2021-2022.

Submitted for All India Senior Secondary Practical Examination held in the subject **COMPUTER SCIENCE** at ***PushpalataVidyaMandir Senior Secondary School, Tirunelveli.***

PRINCIPAL EXTERNAL EXAMINER

DATE: _____ SEAL

ACKNOWLEDGEMENT

I wish to express my deep gratitude and sincere thanks to Senior Principal Mrs. PUSHPAVENI AYYAPPAN for her encouragement and facilities that she provided for this project work. I sincerely appreciate this magnanimity by taking me into her fold for which I shall remain indebted to her.

I extend my hearty thanks to my Computer Science teacher Mrs.Hannah who guided me to the successful completion of this project.

I take this opportunity to express my deep sense of gratitude for their invaluable guidance, constant encouragement, constructive comments, sympathetic attitude and immense motivation, which has sustained my efforts at all stages of this project work.

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Description:

Problem Definition:-

Booking a train ticket has never been easy. We have to go to the station, waitin line for a long time just to book a ticket. A lot of our precious time is being wasted while waiting for our turn to book the ticket. Our program helps the user to book their tickets from wherever they are at their own convenience. During tough times like the pandemic, it is better to stay indoors. So this program enables the user to stay indoors and the only time they need to step out is on the day of travel.

Objective:

The website has three modules namely Plan your Journey for booking their tickets , My Bookings to view their booking details, and Cancellation of Bookings if they change their mind about calling off their travel.

Methodology/ Planning of work: -

As soon as the user opens the page, he/she should log in using their Username andpassword and they will see four different options namely (If they don't have anaccount, they have the option to create their new account):

1) Plan your Journey:

If the user has chosen the first option, he/she can book their train tickets.First the user chooses the from and to locations and enters the date on which he/she wants to travel. The user has to choose from the following fourclasses of trains they want to travel in:

- 1st class
- 2nd class
- 3rd class
- Sleeper

Quota is also available for senior citizens, ladies, gents, general and tatkal service is also available for the users to choose from. Finally, the following detailsare asked:

- Name
- Age
- Phone number
- Gender
- Berth preference

Then a list of trains that run from the chosen locations during differenttimings will be displayed. The seats available at that time are also given.

Once the user has entered the above details, they are automatically taken tothe transaction section. Once the ticket payment has been successful, an e-ticket isprinted and a unique PNR code is generated. Then the user is taken back to thedashboard.

2) My Bookings:

If the user has chosen the 2nd option, the user can view their booking details as follows by entering their unique PNR code:

- Departure
- Destination
- Train class
- Class or Quota (if any)

3) Cancellation of Bookings:

To cancel any booking, the user must enter the PNR code of the booking tobe cancelled. If the reservation is cancelled within 6 days before the date oftravel, 50% of the amount will be refunded. If the reservation is cancelled onthat day, no refund will be given.

Source Code:

#railway.py

```
for i in range(1,10000000000000000000):
    print("""
= ==  = = =  =   =   ==  =    = =   =   = =  =     =   =  =  =
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= = = = = = =  = =  = = =   = =  = =  = =  =  =  =  = =  =
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=    =
= =  == = =  = =  = =  ==   = = =  = = = = =  =  =  =  =  =
= =

""")
    print("""
```

ABOUT INDIAN RAILWAYS

The first railway on Indian sub-continent ran over a stretch of 21 miles from Bombay to Thane.
The idea of a railway to connect Bombay with Thane, Kalyan and with the Thal and Bhore Ghats inclines first occurred
to Mr. George Clark, the Chief Engineer of the Bombay Government, during a visit to Bhandup in 1843.

The formal inauguration ceremony was performed on 16th April 1853, when 14 railway carriages carrying about 400 guests
left Bori Bunder at 3.30 pm "amidst the loud applause of a vast multitude and to the salute of 21 guns."
The first passenger train steamed out of Howrah station destined for Hooghly, a distance of 24 miles, on 15th August,
1854. Thus the first section of the East Indian Railway was opened to public traffic, inaugurating the beginning of
railway transport on the Eastern side of the subcontinent.

In south the first line was opened on Ist July, 1856 by the Madras Railway Company. It ran between Vyasarpadi Jeeva
Nilayam (Veyasarpandy) and Walajah Road (Arcot), a distance of 63 miles. In the North a length of 119 miles of line
was laid from Allahabad to Kanpur on 3rd March 1859. The first section from Hathras Road to Mathura Cantonment was opened
to traffic on 19th October, 1875.

These were the small's beginnings which is due course developed into a network of railway lines all over the country.
By 1880 the Indian Railway system had a route mileage of about 9000 miles.
INDIAN RAILWAYS, the premier transport organization

of the country is the largest rail network in Asia and the world’s second largest under one management.

""")

```
    import mysql.connector as sqltor

mycon=sqltor.connect(host="localhost",user="root",passwd="root",database="railway_management")

    cursor=mycon.cursor()

    def pr():
        data=cursor.fetchall()
        for row in data:
            print(row)
    def s():
        cursor.execute(sql)
        mycon.commit()

    print('\n')
    print('Welcome to Booking, please register your details for booking')
    name=str(input("\nEnter Name : "))

    a_g_e=int(input("Enter your age:"))


    for i in range(0,10):
        g=str(input("\nEnter Gender(Male/Female) : "))
        if g[0:6]=="female" or g[0:6]=="Female" or g[0]=="F" or g[0]=="f":
            break
        elif g[0:4]=="male" or g[0:4]=="Male" or g[0]=="M" or g[0]=="m":
            break
        else:
            continue

    for i in range(0,10000000):
        p=int(input("\nEnter Phone Number : "))
        ph=str(p)
        if len(ph)!=10:
            print("*****Give the Correct Phone number*****")
            continue
        else:
            break


    sql="insert into booking_details(name,phone_number,gender,age) values(%s,%s,%s,%s)"
    val=(name,ph,g,a_g_e)
    cursor.execute(sql,val)
```

```
    mycon.commit()


    cursor.execute("SELECT * FROM booking_details ORDER BY s_no DESC LIMIT 1")
    myresult = cursor.fetchall()
    booking_details_sno=list(myresult)
    print("Booking Number = ",booking_details_sno[0][0])
    b_no = booking_details_sno[0][0]

    print('\nWelcome to Booking')
    choice=int(input("\n\t1.Plan your Journey \n\t2.PNR Enquiry \n\t3.Refund
\n\t4.Exit \n\nSelect your need : "))

    if choice==1:
        print('\n\tPlanning a Journey')
        print('\n')
        from datetime import date

        today = date.today()

        a=str(today)
        spl=a.split('-')
        year=int(spl[0])
        month=int(spl[1])
        day=int(spl[2])

        print("Today's date:",day,'/',month,'/',year)

        for i in range(0,10):
            date=input("Enter Date of Travel(dd/mm/yyyy) : ")
            sd=date.split('/')
            d=int(sd[0])
            m=int(sd[1])
            y=int(sd[2])
            if y==2021 or y==2022:
                if y==2021:
                    if d<day and m<=month:
                        print("Incorrect date(date of journey should not be before
current date)")
                        continue
                    elif m<month:
                        print("Incorrect month")
                        continue
                elif y==2022:
                    if m==7 or m==8 or m==9 or m==10 or m==11 or m==12:
                        print("The ticket has validation of only 6 months...Book later")
                        continue
                    elif d<day and m<=month:
                        print("Incorrect date(date of journey should not be before
current date)")
                        continue
```

```
                elif m<month:
                    print("Incorrect month")
                    continue

            else:
                continue
        else:
            continue
        break

    sql = "insert into da(Date) values('{}')".format(date)
    s()

    sql = "UPDATE booking_details SET date_to_journy = %s WHERE s_no =
%s"
    val = (date, b_no)
    cursor.execute(sql,val)
    mycon.commit()

    print("\n")
    print("   DEPARTURE   AND   DESTINATION   \n")
    cursor.execute("select distinct S_No,Departure_From,Destined_To from
Journey")
    pr()

    print('\n')

    for i in range(1,10):

        d=int(input("Select your Departure and Destination : "))
        if d==1:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(1))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(1))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(2))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==1:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(1))
                    pr()

                    cursor.execute('select * from journey where S_No=%s',[d])
                    journey_details = cursor.fetchall()
```

```
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tirunelveli','Chengalpattu','CAPE HWH FESTSPL','9:40
AM','{}')".format(b_no)
                    s()
                    break
                elif t==2:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(2))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tiunelveli','Chengalpattu','TEN MS Express','7:45 PM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 1 or 2")
                    continue
            break
        elif d==2:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(2))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(3))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(4))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(5))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(6))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==3:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(3))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tiunelveli','Erode','TEN DR EXPRESS','7:15 AM,'{}')".format(b_no)
                    s()
                    break
                elif t==4:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(4))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tiunelveli','Erode','CHALUKYA EXPRESS','3:00 PM','{}')".format(b_no)
```

```
                    s()
                    break


                elif t==5:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(5))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tiunelveli','Erode','COIMBATORE EXPRESS','10:40 PM','{}')".format(b_no)
                    s()
                    break
                elif t==6:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(6))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time)
values('Tiunelveli','Erode','MUMBAI EXPRESS','7:45 AM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 3,4,5 or 6")
                    continue
            break
        elif d==3:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(3))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(7))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(8))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(9))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==7:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(7))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tiunelveli','Tiruchendur','MYS TN FEST SPL','10 AM','{}')".format(b_no)
                    s()
                    break
```

```
                elif t==8:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(8))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tiunelveli','Tiruchendur','TN MYS FESt SPL','4:30 PM','{}')".format(b_no)
                    s()
                    break
                elif t==9:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(9))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tiunelveli','Tiruchendur','HWH CAPE SPECIAL','6:05 AM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 7,8 or 9")
                    continue
            break
        elif d==4 :
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(4))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(10))
            pr()
            t=print("\nThere  is only one Train ")
            cursor.execute("select distinct Train,Time from train where
S_No={}".format(10))
            pr()
            sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tirunelveli', 'Sengottai','TS EXPRESS','7:30 PM','{}')".format(b_no)
            s()
            break

        elif d==5:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(5))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(11))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(12))
```

```
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(13))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==11:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(11))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tirunelveli', 'Coimbator','COIMBATORE EXPRESS','10:40
PM','{}')".format(b_no)
                    s()
                    break
                elif t==12:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(12))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tirunelveli', 'Coimbator','TEN DR EXPRESS','7:15 AM','{}')".format(b_no)
                    s()
                    break
                elif t==13:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(13))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tirunelveli', 'Coimbatore','TEN BILASPUR EXPRESS','1:15
AM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 11,12 or 13")
                    continue
            break
        elif d==6:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(6))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(14))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(15))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
```

```
                if t==14:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(14))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin','Chengalpattu','CAPE HWH FESTSPL','9:40 AM','{}')".format(b_no)
                    s()
                    break
                elif t==15:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(15))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin', 'Chengalpattu','TEN MS EXPRESS','7:45 PM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 14 or 15")
                    continue
            break
        elif d==7:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(7))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(16))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(17))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(18))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==16:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(16))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin','Erode',' VIVEK EXPRESS','10:00 PM','{}')".format(b_no)
                    s()
                    break
```

```
                elif t==17:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(17))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin','Erode',' MYSORE EXPRESS','4:25 PM','{}')".format(b_no)
                    s()
                    break
                elif t==18:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(18))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin','Erode',' TN CBE LINK EXPRESS','10:35 PM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 16,17 or 18")
                    continue
            break
        elif d==8 :
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(8))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(19))
            pr()
            t=print("\nThere  is only one Train ")
            cursor.execute("select distinct Train,Time from train where
S_No={}".format(19))
            pr()
            sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin','Tiruchendur',' TT EXPRESS','8:15 PM','{}')".format(b_no)
            s()
            break
        elif d==9:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(9))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(20))
            pr()
            t=print("\nThere  is only one Train ")
            cursor.execute("select distinct Train,Time from train where
S_No={}".format(20))
            pr()
            sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin','Sengottai','TS EXPRESS','4:00 PM','{}')".format(b_no)
```

```
                s()
                break
            elif d==10:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(10))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(21))
                pr()
                t=print("\nThere  is only one Train ")
                cursor.execute("select distinct Train,Time from train where
S_No={}".format(21))
                pr()
                sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Tuticorin','Coimbator','TN CB LINK EXPRESS','10:35 PM','{}')".format(b_no)
                s()
                break
            elif d==11:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(11))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(22))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(23))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(24))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(25))
                pr()
                for i in range(1,10):
                    t=int(input("\nThe Train I need : "))
                    if t==22:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(22))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Chengalpattu','CAPE MS EXPRESS','5:05
PM','{}')".format(b_no)
                        s()
                        break
                    elif t==23:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(23))
                        pr()
```

```
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Chengalpattu','CHENNAI EXPRESS','5:05
PM','{}')".format(b_no)
                    s()
                    break
                elif t==24:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(24))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Chengalpattu','KANYAKUMARI EXPRESS','5:20
PM','{}')".format(b_no)
                    s()
                    break
                elif t==25:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(25))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Chengalpattu','GUV CHENNAI EXPRESS','6:15
AM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 22,23,24 or 25")
                    continue
            break
        elif d==12:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(12))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(26))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(27))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(28))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==26:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(26))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Erode','MUMBAI EXPRESS','6:00 AM','{}')".format(b_no)
                    s()
                    break
```

```
                elif t==27:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(27))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Erode',' COIMBATORE EXPRESS','9:30 PM','{}')".format(b_no)
                    s()
                    break
                elif t==28:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(28))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Erode','TEN BILASPUR EXPRESS','2:30
AM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 26,27 or 28")
                    continue
            break
        elif d==13:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(13))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(29))
            pr()
            t=print("\nThere  is only one Train ")
            cursor.execute("select distinct Train,Time from train where
S_No={}".format(29))
            pr()
            sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Tiruchendur','KT EXPRESS','3:30 AM','{}')".format(b_no)
            s()
            break
        elif d==14:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(14))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(30))
            pr()
            t=print("\nThere  is only one Train ")
            cursor.execute("select distinct Train,Time from train where
S_No={}".format(30))
            pr()
            sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Sengottai','KS EXPRESS','4:00 PM','{}')".format(b_no)
```

```
                s()
                break
            elif d==15:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(15))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(31))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(32))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(33))
                pr()
                for i in range(1,10):
                    t=int(input("\nThe Train I need : "))
                    if t==31:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(31))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Coimbatore',' COIMBATORE EXPRESS','9:30
PM','{}')".format(b_no)
                        s()
                        break
                    elif t==32:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(32))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Coimbatore','GURUDEV EXPRESS','2:45
PM','{}')".format(b_no)
                        s()
                        break
                    elif t==33:
                        cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(33))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Kanyakumari','Coimbator','TEN BILASPUR EXPRESS','2:30
AM','{}')".format(b_no)
                        s()
                        break
                    else:
                        print("Select only 31,32 or 33")
                        continue
                break
```

```
            elif d==16:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(16))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(34))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(35))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(36))
                pr()
                for i in range(1,10):
                    t=int(input("\nThe Train I need : "))
                    if t==34:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(34))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Chengalpattu','CAPE HWH FESTSPL','11:55 AM','{}')".format(b_no)
                        s()
                        break
                    elif t==35:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(35))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Chengalpattu',' TEN MS EXPRESS','10:15 PM','{}')".format(b_no)
                        s()
                        break
                    elif t==36:
                        cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(36))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Chengalpattu','RMM MUV FEST SPL','1:45 PM','{}')".format(b_no)
                        s()
                        break
                    else:
                        print("Select only 34,35 or 36")
                        continue
                break
            elif d==17:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(17))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(37))
```

```
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(38))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(39))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(40))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==37:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(37))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Erode','MDU MAS AC EXPRESS','10:45 PM','{}')".format(b_no)
                    s()
                    break
                elif t==38:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(38))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Erode','DEHRADUN EXPRESS','11:35 PM','{}')".format(b_no)
                    s()
                    break
                elif t==39:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(39))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Erode','VIVEK EXPRESS','1:00 AM','{}')".format(b_no)
                    s()
                    break
                elif t==40:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(40))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Erode',' TEN JAMMU EXPRESS','7:30 PM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 37,38,39 or 40")
                    continue
            break
        elif d==18:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(18))
```

```
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(41))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(42))
                pr()
                for i in range(1,10):
                    t=int(input("\nThe Train I need : "))
                    if t==41:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(41))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Tiruchendur','MS TEN EXPRESS','3:35 AM ','{}')".format(b_no)
                        s()
                        break
                    elif t==42:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(42))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Tiruchendur','HWH CAPE SPL','4:20 AM','{}')".format(b_no)
                        s()
                        break
                    else:
                        print("Select only 41 or 42")
                        continue
                break
            elif d==19:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(19))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(43))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(44))
                pr()
                for i in range(1,10):
                    t=int(input("\nThe Train I need : "))
                    if t==43:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(43))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Sengottai','MS TEN EXPRESS','3:35 AM','{}')".format(b_no)
                        s()
                        break
```

```
                elif t==44:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(44))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Sengottai','HWH CAPE SPL','4:20 AM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 43 or 44")
                    continue
            break
        elif d==20:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(20))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(45))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(46))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(47))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==45:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(45))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Coimbator','TEN DR EXPRESS','9:55 AM','{}')".format(b_no)
                    s()
                    break
                elif t==46:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(46))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Coimbator','COIMBATORE EXPRESS','1:55 AM','{}')".format(b_no)
                    s()
                    break
                elif t==47:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(47))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Madurai','Coimbator','TN CBE LINK EXPRESS','1:55 AM','{}')".format(b_no)
```

```
                    s()
                    break
                else:
                    print("Select only 45,46 or 47")
                    continue
            break
        elif d==21:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(21))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(48))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(49))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==48:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(48))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Chengalpattu','CAPE HWH FESTSPL','8:25 AM','{}')".format(b_no)
                    s()
                    break
                elif t==49:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(49))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Chengalpattu','CAPE MS EXPRESS','5:25 PM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 48 or 49")
                    continue
            break
        elif d==22:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(22))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(50))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(51))
            pr()
```

```
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(52))
            pr()
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(53))
            pr()
            for i in range(1,10):
                t=int(input("\nThe Train I need : "))
                if t==50:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(50))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Erode','COIMBTORE EXPRESS','9:30 PM','{}')".format(b_no)
                    s()
                    break
                elif t==51:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(51))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Erode','MUMBAI EXPRESS','6:00 AM','{}')".format(b_no)
                    s()
                    break
                elif t==52:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(52))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Erode',' GURUDEV EXPRESS','2:45 PM','{}')".format(b_no)
                    s()
                    break
                elif t==53:
                    cursor.execute("select distinct S_No,Train,Time from train
where S_No={}".format(53))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time)
values('Nagarcoil','Erode','HIMSAGAR EXPRESS','2:45 PM')"
                    s()
                    break
                else:
                    print("Select only 50,51,52 or 53")
                    continue
            break
        elif d==23:
            cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(23))
            pr()
            print('\n(S_NO,Trains,Time) \n')
            cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(54))
```

```
                pr()
                t=print("\nThere  is only one Train ")
                cursor.execute("select distinct Train,Time from train where
S_No={}".format(54))
                pr()
                sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Tiruchendur','NT EXPRESS','5:00 AM','{}')".format(b_no)
                s()
                break
            elif d==24:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(24))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(55))
                pr()
                t=print("\nThere  is only one Train ")
                cursor.execute("select distinct Train,Time from train where
S_No={}".format(55))
                pr()
                sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Sengottai','NS EXPRESS','4:30 PM','{}')".format(b_no)
                s()
                break
            elif d==25:
                cursor.execute("select distinct DEPARTURE_FROM,Destined_To from
Journey where S_NO={}".format(25))
                pr()
                print('\n(S_NO,Trains,Time) \n')
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(56))
                pr()
                cursor.execute("select distinct S_No,Train,Time from train where
S_No={}".format(57))
                pr()
                for i in range(1,10):
                    t=int(input("\nThe Train I need : "))
                    if t==56:
                        cursor.execute("select distinct Train,Time from train where
S_No={}".format(56))
                        pr()
                        sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Coimbator','COIMBATORE EXPRESS','9:30 PM','{}')".format(b_no)
                        s()
                        break
```

```
                elif t==57:
                    cursor.execute("select distinct Train,Time from train where
S_No={}".format(57))
                    pr()
                    sql="insert into td(Departure,Destination,Train,Time,B_NO)
values('Nagarcoil','Coimbator','GURUDEV EXPRESS','2:45 PM','{}')".format(b_no)
                    s()
                    break
                else:
                    print("Select only 56 or 57")
                    continue
            break

        else:
            print("Select only from 1 to 25")
            print('\n')
            continue

        pr()

    for i in range(1,10):
        n=int(input("\nNumber of Passengers = "))
        ns=str(n)
        if len(ns)==1 or len(ns)==2:
            break
        else:
            print("*****Give the Correct number of passengers*****")
            continue

    sql = "UPDATE booking_details SET total_passenger = %s WHERE s_no =
%s"
    val = (n,b_no)
    cursor.execute(sql,val)
    mycon.commit()

    print("\n\t******* You have to give the personal details of all the passengers
*******")
    old=0
    adult=0
    children=0
    class_=0
    adult_amt=0
    old_amt=0
    children_amt=0

    while n>0:
        n=n-1

        name=str(input("\nEnter Name : "))
```

```
for i in range(1,10):
    age=int(input("Enter age : "))
    if age>=18 and age<120:
        if age>60 and age<120:
            print("You are a senior citizen")
            print("You are provided with a lower berth")
            old=old+1
            break
        elif age>=18 and age<60:
            adult=adult+1
            break
        elif age<18:
            children=children+1
            break
        else:
            print("Enter correct age")
            continue
    elif age>120:
        continue
    else:
        break

for i in range(0,10):
    g=str(input("Gender(male/female) : "))
    if g[0:6]=="female" or g[0:6]=="Female" or g[0]=="F" or g[0]=="f":
        break
    elif g[0:4]=="male" or g[0:4]=="Male" or g[0]=="M" or g[0]=="m":
        break
    else:
        continue

for i in range(0,10000000):
    p=int(input("Enter Phone Number : "))
    ph=str(p)
    if len(ph)!=10:
        print("*****Give the Correct Phone number*****")
        continue
    else:
        break


print('\n')
print("1.Class : ")
cursor.execute("select class from class")
pr()

print('\n')
print("2.Quota : ")
cursor.execute("select quota from quota")
pr()
```

```
            for i in range(1,10):
                print('\n')
                c=int(input("Class or Quota ?"))
                if c==1:
                    print('\n')
                    print("     Class    ")
                    cursor.execute("select * from class")
                    pr()
                    for i in range(1,10):
                        print('\n')
                        a=int(input("Enter the class : "))
                        if a==1:
                            cursor.execute("select class from class where S_NO=1")
                            pr()
                            sql="insert into st(Class_Quota,Seat) values('First
Class','Room')"
                            s()
                            class_=a
                            break
                        elif a==2:
                            cursor.execute("select class from class where S_NO=2")
                            pr()
                            class_=a
                            for i in range(1,10):
                                if  age>=65 and age<120:
                                    sql="insert into st(Class_Quota,Seat) values('Second
Class','Lower Berth')"
                                    s()
                                    break
                                else:
                                    c=int(input("\nSeat : \n\t1.Lower Berth \n\t2. Upper
Berth \n\t3.Side Lower Berth \n\t4.Side Upper Berth \nSelect your desired seat : "))
                                    if c==1:
                                        print("Seat=Lower Berth")
                                        sql="insert into st(Class_Quota,Seat)
values('Second Class','Lower Berth')"
                                        s()
                                        break
                                    elif c==2:
                                        print("Seat=Upper Berth")
                                        sql="insert into st(Class_Quota,Seat)
values('Second Class','Upper Berth')"
                                        s()
                                        break
                                    elif c==3:
                                        print("Seat=Side Lower Berth")
                                        sql="insert into st(Class_Quota,Seat)
values('Second Class','Side Lower Berth')"
                                        s()
                                        break
```

```
                                elif c==4:
                                    print("Seat=Side Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Second Class','Side Upper Berth')"
                                    s()
                                    break
                                else:
                                    print("Select from 1,2,3 or 4 to choose your
desired seat")
                                    continue
                                break
                            break
                        break
                    elif a==3:
                        cursor.execute("select class from class where S_NO=3")
                        pr()
                        class_=3
                        for i in range(1,10):
                            if  age>=65 and age<120:
                                sql="insert into st(Class_Quota,Seat) values('Third
Class','Lower Berth')"
                                s()
                                break
                            else:
                                c=int(input("\nSeat : \n\t1.Lower Berth \n\t2. Upper
Berth \n\t3.Side Lower Berth \n\t4.Side Upper Berth \n\t5.Middle Berth\nSelect your
desired seat : "))
                                if c==1:
                                    print("Seat=Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Third Class','Lower Berth')"
                                    s()
                                    break
                                elif c==2:
                                    print("Seat = Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Third Class','Upper Berth')"
                                    s()
                                    break
                                elif c==3:
                                    print("Seat=Side Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Third Class','Side Lower Berth')"
                                    s()
                                    break
                                elif c==4:
                                    print("Seat=Side Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Third Class','Side Upper Berth')"
                                    s()
                                    break
```

```
                                elif c==5:
                                    print("Middle Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Third Class','Middle Berth')"
                                    s()
                                    break
                                else:
                                    print("Select from 1,2,3,4 or 5 to choose your
desired seat")
                                    continue
                                break
                            break
                        break
                    elif a==4:
                        class_=4
                        cursor.execute("select class from class where S_NO=4")
                        pr()
                        for i in range(1,10):
                            if  age>=65 and age<120:
                                sql="insert into st(Class_Quota,Seat)
values('Sleeper','Lower Berth')"
                                s()
                                break
                            else:
                                c=int(input("\nSeat : \n\t1.Lower Berth \n\t2. Upper
Berth \n\t3.Side Lower Berth \n\t4.Side Upper Berth \nSelect your desired seat : "))
                                if c==1:
                                    print("Seat=Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Sleeper','Lower Berth')"
                                    s()
                                    break
                                elif c==2:
                                    print("Seat=Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Sleeper','Upper Berth')"
                                    s()
                                    break
                                elif c==3:
                                    print("Seat=Side Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Sleeper','Side Lower Berth')"
                                    s()
                                    break
                                elif c==4:
                                    print("\nSeat = Side Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Sleeper','Side Upper Berth')"
                                    s()
                                    break
```

```
                                else:
                                    print("Select from 1,2,3 or 4 to choose your
desired seat")
                                    continue
                                break
                            break
                        break
                    else:
                        print("Select from 1,2,3 or 4 ")
                        continue
                break
            elif c==2:
                print('\n')
                print("    Quota    ")
                cursor.execute("select * from quota")
                pr()
                for i in range(1,10):
                    print('\n')
                    b=int(input("Enter the Quota : "))
                    if b==1:
                        cursor.execute("select quota from quota where S_NO=1")
                        pr()
                        for i in range(1,10):

                            if  age>=65 and age<120:
                                sql="insert into st(Class_Quota,Seat)
values('General','Lower Berth')"
                                s()
                                break
                            else:
                                c=int(input("\nSeat : \n\t1.Lower Berth \n\t2. Upper
Berth \n\t3.Side Lower Berth \n\t4.Side Upper Berth \n\t5.Middle Berth\nSelect your
desired seat : "))
                                if c==1:
                                    print("Seat=Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('General','Lower Berth')"
                                    s()
                                    break
                                elif c==2:
                                    print("Seat=Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('General','Upper Berth')"
                                    s()
                                    break
                                elif c==3:
                                    print("Seat=Side Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('General','Side Lower Berth')"
                                    s()
                                    break
```

```
                                elif c==4:
                                    print("Seat=Side Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('General','Side Upper Berth')"
                                    s()
                                    break
                                elif c==5:
                                    print("Middle Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('General','Middle Berth')"
                                    s()
                                    break
                                else:
                                    print("Select from 1,2,3,4 or 5 to choose your
desired seat")
                                    continue
                                break
                            break
                        break

                    elif b==2:
                        cursor.execute("select quota from quota where S_NO=2")
                        pr()
                        for i in range(1,10):

                            if  age>=65 and age<120:
                                sql="insert into st(Class_Quota,Seat)
values('Ladies','Lower Berth')"
                                s()
                                break
                            else:
                                c=int(input("\nSeat : \n\t1.Lower Berth \n\t2. Upper
Berth \n\t3.Side Lower Berth \n\t4.Side Upper Berth \n\t5.Middle Berth\nSelect your
desired seat : "))
                                if c==1:
                                    print("Seat=Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Ladies','Lower Berth')"
                                    s()
                                    break
                                elif c==2:
                                    print("Seat=Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Ladies','Upper Berth')"
                                    s()
                                    break
```

```
                                elif c==3:
                                    print("Seat=Side Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Ladies','Side Lower Berth')"
                                    s()
                                    break
                                elif c==4:
                                    print("Seat=Side Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Ladies','Side Upper Berth')"
                                    s()
                                    break
                                elif c==5:
                                    print("Middle Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Ladies','Middle Berth')"
                                    s()
                                    break
                                else:
                                    print("Select from 1,2,3,4 or 5 to choose your
desired seat")
                                    continue
                                break
                            break
                        break

                    elif b==3:
                        cursor.execute("select quota from quota where S_NO=3")
                        pr()
                        for i in range(1,10):

                            if  age>=65 and age<120:
                                sql="insert into st(Class_Quota,Seat)
values('Gents','Lower Berth')"
                                s()
                                break
                            else:
                                c=int(input("\nSeat : \n\t1.Lower Berth \n\t2. Upper
Berth \n\t3.Side Lower Berth \n\t4.Side Upper Berth \n\t5.Middle Berth\nSelect your
desired seat : "))
                                if c==1:
                                    print("Seat=Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Gents','Lower Berth')"
                                    s()
                                    break
                                elif c==2:
                                    print("Seat=Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Gents','Upper Berth')"
```

```
                                    s()
                                    break
                                elif c==3:
                                    print("Seat=Side Lower Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Gents','Side Lower Berth')"
                                    s()
                                    break
                                elif c==4:
                                    print("Seat=Side Upper Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Gents','Side Upper Berth')"
                                    s()
                                    break
                                elif c==5:
                                    print("Middle Berth")
                                    sql="insert into st(Class_Quota,Seat)
values('Gents','Middle Berth')"
                                    s()
                                    break
                                else:
                                    print("Select from 1,2,3,4 or 5 to choose your
desired seat")
                                    continue
                                break
                            break
                        break

                    elif b==4:
                        print('\n')
                        cursor.execute("select quota from quota where S_NO=4")
                        pr()
                        cursor.execute("select * from tatkal")
                        pr()

                        for i in range(1,10):
                            print('\n')
                            c=int(input("Enter your desired Class/Quota : "))
                            if  age>=65 and age<120:
                                if c==1:
                                    cursor.execute("select class from tatkal where
S_NO=1")
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat) values('First
Class(tatkal)','Room')"
                                    s()
                                    break
                                elif c==2:
                                    cursor.execute("select class from tatkal where
S_NO=2")
```

```
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat)
values('Second Class(tatkal)','Lower Berth')"
                                    s()
                                    break
                                elif c==3:
                                    cursor.execute("select class from tatkal where
S_NO=3")
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat)
values('Third Class(tatkal)','Lower Berth')"
                                    s()
                                    break
                                elif c==4:
                                    cursor.execute("select class from tatkal where
S_NO=4")
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat)
values('Sleeper(tatkal)','Lower Berth')"
                                    s()
                                    break
                                elif c==5:
                                    cursor.execute("select class from tatkal where
S_NO=5")
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat)
values('Ladies(tatkal)','Lower Berth')"
                                    s()
                                    break
                                elif c==6:
                                    cursor.execute("select class from tatkal where
S_NO=6")
                                    pr()
                                    class_=c=1
                                    sql="insert into st(Class_Quota,Seat)
values('Gents(tatkal)','Lower Berth')"
                                    s()
                                    break
                                elif c==7:
                                    cursor.execute("select class from tatkal where
S_NO=7")
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat)
values('General(tatkal)','Lower Berth')"
                                    s()
                                    break
```

```
                                else:

                                    if c==1:
                                        cursor.execute("select class from tatkal where
S_NO=1")
                                        pr()
                                        class_=c+1
                                        sql="insert into st(Class_Quota,Seat) values('First
Class(tatkal)','Room')"
                                        s()
                                        break
                                    elif c==2:
                                        cursor.execute("select class from tatkal where
S_NO=2")
                                        pr()
                                        class_=c+1
                                        sql="insert into st(Class_Quota,Seat)
values('Second Class(tatkal)','Side Upper Berth')"
                                        s()
                                        break
                                    elif c==3:
                                        cursor.execute("select class from tatkal where
S_NO=3")
                                        pr()
                                        class_=c+1
                                        sql="insert into st(Class_Quota,Seat)
values('Third Class(tatkal)','Upper Berth')"
                                        s()
                                        break
                                    elif c==4:
                                        cursor.execute("select class from tatkal where
S_NO=4")
                                        pr()
                                        class_=c+1
                                        sql="insert into st(Class_Quota,Seat)
values('Sleeper(tatkal)','Middle Berth')"
                                        s()
                                        break
                                    elif c==5:
                                        cursor.execute("select class from tatkal where
S_NO=5")
                                        pr()
                                        class_=c+1
                                        sql="insert into st(Class_Quota,Seat)
values('Ladies(tatkal)','Upper Berth')"
                                        s()
                                        break
```

```
                                elif c==6:
                                    cursor.execute("select class from tatkal where
S_NO=6")
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat)
values('Gents(tatkal)','Side Upper Berth')"
                                    s()
                                    break
                                elif c==7:
                                    cursor.execute("select class from tatkal where
S_NO=7")
                                    pr()
                                    class_=c+1
                                    sql="insert into st(Class_Quota,Seat)
values('General(tatkal)','Upper Berth')"
                                    s()
                                    break
                                else:
                                    print("Select from 1 to 7")
                                    continue
                                break
                            else:
                                print("Select only from 1,2,3 or 4")
                                continue
                            break
                        break
                    break

                else:
                    print('\n')
                    print("Select only 1 or 2")
                    continue


            sql = "insert into pd(Name,Age,Gender,Phone_Number,B_No)
values(%s,%s,%s,%s,%s)"
            val = (name,age,g,p,b_no)
            cursor.execute(sql,val)
            mycon.commit()


        for i in range(0,10):
          j=str(input("\nIs there any children with you(y/n)?"))
          for i in range(0,10):
              if j[0]=="Y" or j[0]=="y" :
                  h=int(input("How many children are with you ? "))
                  if h>=1 and h<=15:
                      pass
                  else:
                      continue
```

```
                ag=input("Are they all below age 15? ")
                if ag[0]=='Y' or ag[0]=='y':
                    print("***** No need to take ticket for those chlidren ***** ")
                    children=0
                    break
                elif ag[0]=='N' or ag[0]=='n':
                    a_=int(input("How many are above age 15? "))
                    print("***** Tickets need to be taken for the",a_,"children *****
")
                    children=a_
                    break
                else:
                    pint("Type either y or n")
                    continue
                break
            elif j[0:2]=="No" or j[0:2]=="no" or j[0]=="N" or j[0]=="n":
                break
        else:
            print("Type either yes or no")
            continue
        break

    if class_==1:
        adult_amt=adult*1000
        old_amt=old*500
        children_amt=children*750
    elif class_==2:
        adult_amt=adult*990
        old_amt=old*490
        children_amt=children*740
    elif class_==3:
        adult_amt=adult*980
        old_amt=old*480
        children_amt=children*730
    elif class_==4:
        adult_amt=adult*970
        old_amt=old*470
        children_amt=children*720
    elif class_==5:
        adult_amt=adult*960
        old_amt=old*460
        children_amt=children*710
    elif class_==5:
        adult_amt=adult*950
        old_amt=old*450
        children_amt=children*700
    elif class_==6:
        adult_amt=adult*940
        old_amt=old*440
        children_amt=children*690
```

```
elif class_==7:
    adult_amt=adult*930
    old_amt=old*430
    children_amt=children*680
global total_amt
total_amt=adult_amt+old_amt+children_amt
print("\nTotal Amount for this booking is ",total_amt)

sql = "UPDATE booking_details SET total_amount = %s WHERE s_no = %s"
val = (total_amt, b_no)
cursor.execute(sql,val)
mycon.commit()



import time
import random

print("X------------Welcome to Payment---------------X")
name_trans=input("Enter your name:")
name_age=int(input("Enter your age:"))



print("X------------CHOOSE MODE OF TRANSACTION---------------X")
print("1) NET BANKING")
print("2) CREDIT/DEBIT CARD")
print("3) UPI PAYMENT ")

mode_trans=int(input("ENTER (1/2/3) : "))

if mode_trans==1:
   print("X------------CHOOSE BANK---------------X")
   sbi_trans="1) STATE BANK OF INDIA"
   ib_trans="2) INDIAN BANK"
   iob_trans="3) INDIAN OVERSEAS BANK"
   cb_trans="4) CANARA BANK"
   icici_trans="5) ICICI BANK"
   hdfc_trans="6) HDFC BANK"
   ub_trans="7) UNION BANK"
   print(sbi_trans)
   print(ib_trans)
   print(iob_trans)
   print(cb_trans)
   print(icici_trans)
   print(hdfc_trans)
   print(ub_trans)
   bank_trans=int(input("ENTER (1/2/3/4/5/6/7) : "))
   if bank_trans==1:
        bank_name="STATE BANK OF INDIA"
```

```
            elif bank_trans==2:
                bank_name="INDIAN BANK"
            elif bank_trans==3:
                bank_name="INDIAN OVERSEAS BANK"
            elif bank_trans==4:
                bank_name="CANARA BANK"
            elif bank_trans==5:
                bank_name="ICICI BANK"
            elif bank_trans==6:
                bank_name="HDFC BANK"
            elif bank_trans==7:
                bank_name="UNION BANK"
            if bank_trans==1 or 2 or 3 or 4 or 5 or 6 or 7:
                userid_trans=input("USERNAME : ")
                password_trans=input("ENTER PASSWORD : ")

                print("X---------------------------------",bank_name,"-------------------
-------------------X")
                print("| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxxx
")
                print("|                                                                 ")
                print("| TRANSFER NUMBER : xxxxxxxx
")
                print("|                                                                 ")
                print("| DATE : ",date,"
")
                print("|                                                                 ")
                print("| USERNAME : ",userid_trans,"
")
                print("|                                                                 ")
                print("| TOTAL AMOUNT TO BE TRANSFERRED : ",total_amt,"
")
                print("|                                                                 ")

                confirm=input("Do you agree to the payment?(y/n)")
                if confirm=="y":
                    while True:
                        print("OTP will be generated ...")
                        time.sleep(2)
                        otp=random.randint(10000,90000)
                        print(otp)
                        time.sleep(2)
                        otp_copy=int(input("ENTER OTP : "))
                        if otp==otp_copy:
                            print("YOUR AMOUNT HAS BEEN SUCCESSFULLY PAID AND THE
TICKET HAS BEEN BOOKED")
                            print("|
")
                            print("x-------------------THANK YOU FOR USING OUR
SERVICES----------------x")
```

```
                    sql = "UPDATE booking_details SET payment_status = %s
WHERE s_no = %s"
                    val = ('Yes', b_no)
                    cursor.execute(sql,val)
                    mycon.commit()


                    sql = "insert into amt(Name,total_amt) values(%s,%s)"
                    val = (name,total_amt)
                    cursor.execute(sql,val)
                    mycon.commit()

                    print("YOUR PNR CODE IS : ",b_no)

                    break
                else:
                    print("INCORRECT OTP!! TRY AGAIN!!")
            elif confirm=="n":
                print("exit")

        if mode_trans==2:
            cardcode_trans=input("ENTER CARD NUMBER : ")
            securitycode_trans=input("ENTER 3-DIGIT SECURITY CODE : ")
            cardholder_trans=input("ENTER CARD HOLDER'S NAME : ")
            expirydate_trans=int(input("ENTER CARD'S EXPIRY DATE (DDMMYYYY) :
"))
            print("X----------------------------------","CREDIT/DEBIT CARD","----------
-----------------------------X")
            print("| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxxx
")
            print("|                                                                  ")
            print("| TRANSFER NUMBER : xxxxxxxx
")
            print("|                                                                  ")
            print("| DATE : ",date,"
")
            print("|                                                                  ")
            print("| CARD NUMBER : ",cardcode_trans,"
")
            print("|                                                                  ")
            print("| 3 DIGIT SECURITY CODE : ",securitycode_trans,"
")
            print("|                                                                  ")
            print("| NAME OF CARD HOLDER : ",cardholder_trans,"
")
            print("|                                                                  ")
            print("| TOTAL AMOUNT TO BE TRANSFERRED : ",total_amt,"
")
            print("|                                                                  ")

            confirm=input("Do you agree to the payment?(y/n)")
```

```
            if confirm=="y":
                while True:
                    print("OTP will be generated ...")
                    time.sleep(2)
                    otp=random.randint(10000,90000)
                    print(otp)
                    time.sleep(2)
                    otp_copy=int(input("ENTER OTP : "))
                    if otp==otp_copy:
                        print("YOUR AMOUNT HAS BEEN SUCCESSFULLY PAID AND THE
TICKET HAS BEEN BOOKED")
                        print("|
")
                        print("x--------------------THANK YOU FOR USING OUR
SERVICES----------------x")
                        sql = "insert into amt(Name,total_amt) values(%s,%s)"
                        val = (name,total_amt)
                        cursor.execute(sql, val)
                        mycon.commit()
                        cursor.execute("select S_NO from pd WHERE
Name=%s",[name])
                        pnrcode_value=cursor.fetchone()
                        listy=list(pnrcode_value)
                        inty=int(listy[0])
                        pnrcode_value=inty
                        print("YOUR PNR CODE IS : ",pnrcode_value)

                        break
                    else:
                        print("INCORRECT OTP!! TRY AGAIN!!")
             elif confirm=="n":
                print("exit")

        if mode_trans==3:
            print("X------------CHOOSE UPI PAYMENT METHOD---------------X")
            gpay_trans="GOOGLE PAY"
            paypal_trans="PAYPAL"
            phonepe_trans="PHONEPE "
            paytm_trans="PAYTM"
            print("1)",gpay_trans)
            print("2)",paypal_trans)
            print("3)",phonepe_trans)
            print("4)",paytm_trans)
            upi_trans=int(input("ENTER (1/2/3/4) : "))
            if upi_trans==1:
               upi_name=gpay_trans
            elif upi_trans==2:
               upi_name=paypal_trans
            elif upi_trans==3:
               upi_name=phonepe_trans
```

```
            elif upi_trans==4:
                upi_name=paytm_trans

            if upi_trans==1 or 2 or 3 or 4:
                upiid_trans=input("ENTER YOUR UPI ID : ")
                print("X---------------------------------",upi_name,"----------------------
------------------X")
                print("| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxxx
")
                print("|                                                                    ")
                print("| TRANSFER NUMBER : xxxxxxxx
")
                print("|                                                                    ")
                print("| DATE : ",date,"
")
                print("|                                                                    ")
                print("| TOTAL AMOUNT TO BE TRANSFERRED : ",total_amt,"
")
                print("|                                                                    ")

                confirm=input("Do you agree to the payment?(y/n)")
                if confirm=="y":
                      mpin=input("ENTER YOUR MPIN : ")
                      time.sleep(2)
                      print("YOUR AMOUNT HAS BEEN SUCCESSFULLY PAID AND THE
TICKET HAS BEEN BOOKED")
                      print("|
")
                      print("x--------------------THANK YOU FOR USING OUR SERVICES-
---------------x")

                      sql = "insert into amt(S_NO,total_amt) values(%s,%s)"
                      val = (b_no,total_amt)
                      cursor.execute(sql, val)
                      mycon.commit()

                      sql = "insert into pd(Name,Age,Gender,Phone_Number)
values(%s,%s,%s,%s)"
                      val = (name,age,g,p)
                      cursor.execute(sql, val)
                      mycon.commit()

                      print("YOUR PNR CODE IS : ",b_no)


                elif confirm=="n":
                    print("exit")
                    pass

          x=input("Press any key to go to main page:")
```

```
        if x== "^":
            continue

    elif choice==2:
        no_pd=int(input("Enter your PNR Number:"))
        cursor.execute('select * from booking_details where s_no=%s',[no_pd])
        pdetails=cursor.fetchall()

        p_d=list(pdetails)
        print("PNR NO=",p_d[0][0])
        print("NAME=",p_d[0][1])
        print("PHONE NUMBER=",p_d[0][2])
        print("AGE=",p_d[0][3])
        print("GENDER=",p_d[0][4])
        print("DATE OF JOURNEY=",p_d[0][10])
        print("Total amount=",p_d[0][9])
        no_of_passenger = p_d[0][8]

        cursor.execute('select * from td where B_No=%s',[no_pd])
        pdetails=cursor.fetchall()

        p_d=list(pdetails)
        print("Departure=",p_d[0][1])
        print("Destination=",p_d[0][2])
        print("Train Name=",p_d[0][3])
        print("Train time=",p_d[0][4])

        cursor.execute('select * from pd where B_No=%s',[no_pd])
        pdetails=cursor.fetchall()
        p_d=list(pdetails)

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

        for i in range(no_of_passenger):
            print("\t----------")
            print("\tPassenger : ",i+1)
            print("\t----------")
            print("\tName =",p_d[i][2])
            print("\tAge=",p_d[i][3])
            print("\tGender=",p_d[i][4])
            print("\tPhone NUmber=",p_d[i][5])


        print("\n**********HAVE A SAFE JOURNEY
AHEAD**********")


        x=input("Press any key to go to main page:")
        if x== "^":
            continue
```

```
    elif choice==3:
        import time
        pnr_code=int(input("ENTER PNR NUMBER : "))#1
        travel_date=int(input("ENTER DATE OF TRAVEL(DDMMYYYY) : "))
        cancellation_date=int(input("ENTER DATE OF CANCELLATION(DDMMYYYY) :
"))
        date=int(input("ENTER CURRENT DATE : "))



        cursor.execute("select total_amount from booking_details WHERE
S_NO=%s",[pnr_code])
        total_amt=cursor.fetchone()
        listy=list(total_amt)
        inty=int(listy[0])
        total_amt=inty
        total_amt=total_amt/2


        if travel_date==cancellation_date:
            print("NO REFUND WILL BE PROVIDED")
            print("                          ")
            print("x----------THANK YOU FOR USING OUR SERVICES---------x")

        elif travel_date!=cancellation_date:
            print("HALF AMOUNT WILL BE DEDUCTED")
            print("                              ")
            print("X------------PLEASE FOR THE TRANSACTION PAGE TO LOAD--------
----X")
            time.sleep(3)
            import random
            name_trans=input("Enter your name:")
            name_age=int(input("Enter your age:"))



            print("X------------CHOOSE MODE OF TRANSACTION---------------X")
            print("1) NET BANKING")
            print("2) CREDIT/DEBIT CARD")
            print("3) UPI PAYMENT ")

            mode_trans=int(input("ENTER (1/2/3) : "))

            if mode_trans==1:
                print("X------------CHOOSE BANK---------------X")
                sbi_trans="1) STATE BANK OF INDIA"
                ib_trans="2) INDIAN BANK"
                iob_trans="3) INDIAN OVERSEAS BANK"
                cb_trans="4) CANARA BANK"
                icici_trans="5) ICICI BANK"
```

```
                hdfc_trans="6) HDFC BANK"
                ub_trans="7) UNION BANK"
                print(sbi_trans)
                print(ib_trans)
                print(iob_trans)
                print(cb_trans)
                print(icici_trans)
                print(hdfc_trans)
                print(ub_trans)
                bank_trans=int(input("ENTER (1/2/3/4/5/6/7) : "))
                if bank_trans==1:
                     bank_name="STATE BANK OF INDIA"
                elif bank_trans==2:
                   bank_name="INDIAN BANK"
                elif bank_trans==3:
                   bank_name="INDIAN OVERSEAS BANK"
                elif bank_trans==4:
                   bank_name="CANARA BANK"
                elif bank_trans==5:
                   bank_name="ICICI BANK"
                elif bank_trans==6:
                   bank_name="HDFC BANK"
                elif bank_trans==7:
                   bank_name="UNION BANK"
                if bank_trans==1 or 2 or 3 or 4 or 5 or 6 or 7:
                   userid_trans=input("USERNAME : ")
                   password_trans=input("ENTER PASSWORD : ")

                   print("X----------------------------------",bank_name,"----------------
-----------------------X")
                   print("| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxxx
")
                   print("|
")
                   print("| TRANSFER NUMBER : xxxxxxxx
")
                   print("|
")
                   print("| DATE : ",date,"
")
                   print("|
")
                   print("| USERNAME : ",userid_trans,"
")
                   print("|
")
                   print("| TOTAL AMOUNT TO BE TRANSFERRED : ",total_amt,"
")
                   print("|
")
```

```
                confirm=input("Do you agree to the payment?(y/n)")
                if confirm=="y":
                    while True:
                        print("OTP will be generated ...")
                        time.sleep(2)
                        otp=random.randint(10000,90000)
                        print(otp)
                        time.sleep(2)
                        otp_copy=int(input("ENTER OTP : "))
                        if otp==otp_copy:
                            print("YOUR AMOUNT HAS BEEN REFUNDED AND THE
TICKET HAS BEEN CANCELLED")
                            print("|
")
                            print("x--------------------THANK YOU FOR USING OUR
SERVICES----------------x")
                            cancel_pd = "delete from pd where B_NO = %s"
                            val_pd = (pnr_code,)
                            cursor.execute(cancel_pd,val_pd)
                            mycon.commit()
                            cancel_da="delete from da where S_NO = %s"
                            val_da=(pnr_code,)
                            cursor.execute(cancel_da,val_da)
                            mycon.commit()
                            cancel_td="delete from td where B_NO = %s"
                            val_td=(pnr_code,)
                            cursor.execute(cancel_td,val_td)
                            mycon.commit()

                            break
                        else:
                            print("INCORRECT OTP!! TRY AGAIN!!")
                elif confirm=="n":
                    print("exit")

            if mode_trans==2:
                cardcode_trans=input("ENTER CARD NUMBER : ")
                securitycode_trans=input("ENTER 3-DIGIT SECURITY CODE : ")
                cardholder_trans=input("ENTER CARD HOLDER'S NAME : ")
                expirydate_trans=int(input("ENTER CARD'S EXPIRY DATE
(DDMMYYYY) : "))
                print("X---------------------------------","CREDIT/DEBIT CARD","------
---------------------------------X")
                print("| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxxx
")
                print("|                                                                 ")
                print("| TRANSFER NUMBER : xxxxxxxx
")
                print("|                                                                 ")
                print("| DATE : ",date,"
")
```

```
                print("|                                                                  ")
                print("| CARD NUMBER : ",cardcode_trans,"
")
                print("|                                                                  ")
                print("| 3 DIGIT SECURITY CODE : ",securitycode_trans,"
")
                print("|                                                                  ")
                print("| NAME OF CARD HOLDER : ",cardholder_trans,"
")
                print("|                                                                  ")
                print("| TOTAL AMOUNT TO BE TRANSFERRED : ",total_amt,"
")
                print("|                                                                  ")

                confirm=input("Do you agree to the payment?(y/n)")
                if confirm=="y":
                    while True:
                        print("OTP will be generated ...")
                        time.sleep(2)
                        otp=random.randint(10000,90000)
                        print(otp)
                        time.sleep(2)
                        otp_copy=int(input("ENTER OTP : "))
                        if otp==otp_copy:
                            print("YOUR AMOUNT HAS BEEN REFUNDED AND THE
TICKET HAS BEEN CANCELLED")
                            print("|
")
                            print("x--------------------THANK YOU FOR USING OUR
SERVICES----------------x")
                            cancel_pd = "delete from pd where B_NO = %s"
                            val_pd = (pnr_code,)
                            cursor.execute(cancel_pd,val_pd)
                            mycon.commit()
                            cancel_da="delete from da where S_NO = %s"
                            val_da=(pnr_code,)
                            cursor.execute(cancel_da,val_da)
                            mycon.commit()
                            cancel_td="delete from td where B_NO = %s"
                            val_td=(pnr_code,)
                            cursor.execute(cancel_td,val_td)
                            mycon.commit()
                            break
                        else:
                            print("INCORRECT OTP!! TRY AGAIN!!")
                elif confirm=="n":
                    print("exit")
```

```
            if mode_trans==3:
                print("X------------CHOOSE UPI PAYMENT METHOD---------------X")
                gpay_trans="GOOGLE PAY"
                paypal_trans="PAYPAL"
                phonepe_trans="PHONEPE "
                paytm_trans="PAYTM"
                print("1)",gpay_trans)
                print("2)",paypal_trans)
                print("3)",phonepe_trans)
                print("4)",paytm_trans)
                upi_trans=int(input("ENTER (1/2/3/4) : "))
                if upi_trans==1:
                    upi_name=gpay_trans
                elif upi_trans==2:
                    upi_name=paypal_trans
                elif upi_trans==3:
                    upi_name=phonepe_trans
                elif upi_trans==4:
                    upi_name=paytm_trans

                if upi_trans==1 or 2 or 3 or 4:
                    upiid_trans=input("ENTER YOUR UPI ID : ")
                    print("X----------------------------------",upi_name,"------------------
----------------------X")
                    print("| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxxx
")
                    print("|
")
                    print("| TRANSFER NUMBER : xxxxxxxx
")
                    print("|
")
                    print("| DATE : ",date,"
")
                    print("|
")
                    print("| TOTAL AMOUNT TO BE TRANSFERRED : ",total_amt,"
")
                    print("|
")

                    confirm=input("Do you agree to the payment?(y/n)")
                    if confirm=="y":
                        mpin=input("ENTER YOUR MPIN : ")
                        time.sleep(2)
                        print("YOUR AMOUNT HAS BEEN REFUNDED AND THE TICKET
HAS BEEN CANCELLED")
                        print("|
")
                        print("x--------------------THANK YOU FOR USING OUR
SERVICES----------------x")
```

```
                    cancel_pd = "delete from pd where B_NO = %s"
                    val_pd = (pnr_code,)
                    cursor.execute(cancel_pd,val_pd)
                    mycon.commit()
                    cancel_da="delete from da where S_NO = %s"
                    val_da=(pnr_code,)
                    cursor.execute(cancel_da,val_da)
                    mycon.commit()
                    cancel_td="delete from td where B_NO = %s"
                    val_td=(pnr_code,)
                    cursor.execute(cancel_td,val_td)
                    mycon.commit()

                elif confirm=="n":
                    print("exit")
                    pass

            x=input("Press any key to go to main page:")
            if x== "^":
                continue
    elif choice==4:
        break
```

#sql_one.py

```
import mysql.connector as sqltor
mycon=sqltor.connect(host="localhost",user="root",passwd="root",database="railw
ay_management")

cursor=mycon.cursor()

# FROM AND TO
#create database railway_management;
#use railway_management;
cursor.execute("create table Journey(S_NO integer(2),DEPARTURE_FROM
varchar(20),DESTINED_TO varchar(20))")

cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(1,'Tirunelveli','Chengalpattu'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(2,'Tirunelveli','Erode'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(3,'Tirunelveli','Tiruchendur'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(4,'Tirunelveli','Sengottai'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(5,'Tirunelveli','Coimbator'))

cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(6,'Tuticorin','Chengalpattu'))
```

```
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(7,'Tuticorin','Erode'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(8,'Tuticorin','Tiruchendur'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(9,'Tuticorin','Sengottai'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(10,'Tuticorin','Coimbator'))

cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(11,'Kanyakumari','Chengalpattu'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(12,'Kanyakumari','Erode'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(13,'Kanyakumari','Tiruchendur'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(14,'Kanyakumari','Sengottai'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(15,'Kanyakumari','Coimbator'))

cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(16,'Madurai','Chengalpattu'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(17,'Madurai','Erode'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(18,'Madurai','Tiruchendur'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(19,'Madurai','Sengottai'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(20,'Madurai','Coimbator'))

cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(21,'Nagarcoil','Chengalpattu'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(22,'Nagarcoil','Erode'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(23,'Nagarcoil','Tiruchendur'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(24,'Nagarcoil','Sengottai'))
cursor.execute("insert into Journey(S_NO,DEPARTURE_FROM,DESTINED_TO)
values({},'{}','{}')".format(25,'Nagarcoil','Coimbator'))

mycon.commit()



#Search Train

cursor.execute("create table Train(S_No integer(3),Train varchar(25),Time
varchar(10))")
```

```
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(1,'CAPE HWH FESTSPL','9:40 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(2,'TEN MS Express','7:45 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(3,'TEN DR EXPRESS','7:15 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(4,'CHALUKYA EXPRESS','3:00 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(5,'COIMBATORE EXPRESS','10:40 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(6,'MUMBAI EXPRESS','7:45 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(7,'MYS TN FEST SPL','10 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(8,'TN MYS FESt SPL','4:30 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(9,'HWH CAPE SPECIAL','6:05 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(10,'TS EXPRESS','7:30 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(11,'COIMBATORE EXPRESS','10:40 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(12,'TEN DR EXPRESS','7:15 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(13,'TEN BILASPUR EXPRESS','1:15 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(14,'CAPE HWH FESTSPL','9:40 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(15,'TEN MS EXPRESS','7:45 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(16,'VIVEK EXPRESS','10:00 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(17,'MYSORE EXPRESS','4:25 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(18,'TN CBE LINK EXPRESS','10:35 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(19,'TT EXPRESS','8:15 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(20,'TS EXPRESS','4:00 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(21,'TN CB LINK EXPRESS','10:35 PM'))
```

```
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(22,'CAPE MS EXPRESS','5:05 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(23,'CHENNAI EXPRESS','5:05 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(24,'KANYAKUMARI EXPRESS','5:20 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(25,'GUV CHENNAI EXPRESS','6:15 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(26,'MUMBAI EXPRESS','6:00 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(27,'COIMBATORE EXPRES','9:30 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(28,'TEN BILASPUR EXPRESS','2:30 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(29,'KT EXPRESS','3:30 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(30,'KS EXPRESS','4:00 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(31,'COIMBATORE EXPRESS','9:30 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(32,'GURUDEV EXPRESS','2:45 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(33,'TEN BILASPUR EXPRESS','2:30 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(34,'CAPE HWH FESTSPL','11:55 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(35,'TEN MS EXPRESS','10:15 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(36,'RMM MUV FEST SPL','1:45 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(37,'MDU MAS AC EXPRESS','10:45 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(38,'DEHRADUN EXPRESS','11:35 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(39,'VIVEK EXPRESS','1:00 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(40,'TEN JAMMU EXPRESS','7:30 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(41,'MS TEN EXPRESS','3:35 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(42,'HWH CAPE SPL','4:20 AM'))
```

```
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(43,'MS TEN EXPRESS','3:35 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(44,'HWH CAPE SPL','4:20 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(45,'TEN DR EXPRESS','9:55 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(46,'COIMBATORE EXPRESS','1:55 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(47,'TN CBE LINK EXPRESS','1:55 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(48,'CAPE HWH FESTSPL','8:25 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(49,'CAPE MS EXPRESS','5:25 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(50,'COIMBTORE EXPRESS','9:30 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(51,'MUMBAI EXPRESS','6:00 AM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(52,'GURUDEV EXPRESS','2:45 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(53,'HIMSAGAR EXPRESS','2:45 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(54,'NT EXPRESS','5:00 AM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(55,'NS EXPRESS','4:30 PM'))

cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(56,'COIMBATORE EXPRESS','9:30 PM'))
cursor.execute("insert into Train(S_No,Train,Time)
values({},'{}','{}')".format(57,'GURUDEV EXPRESS','2:45 PM'))

mycon.commit()
```

#sql_two.py

```
import mysql.connector as sqltor
mycon=sqltor.connect(host="localhost",user="root",passwd="root",database="railw
ay_management")

cursor=mycon.cursor()
cursor.execute("create table class(S_NO integer(1),CLASS varchar(15))")

cursor.execute("insert into class(S_NO,CLASS) values({},'{}')".format(1,"1st
class"))
cursor.execute("insert into class(S_NO,CLASS) values({},'{}')".format(2,"2nd
class"))
```

```
cursor.execute("insert into class(S_NO,CLASS) values({},'{}')".format(3,"3rd
class"))
cursor.execute("insert into class(S_NO,CLASS) values({},'{}')".format(4,"Sleeper"))

mycon.commit()

cursor.execute("create table quota(S_NO integer(1),Quota varchar(18))")
cursor.execute("insert into quota(S_NO,Quota)
values({},'{}')".format(1,"General"))
cursor.execute("insert into quota(S_NO,Quota) values({},'{}')".format(2,"Ladies"))
cursor.execute("insert into quota(S_NO,Quota) values({},'{}')".format(3,"Gents"))
cursor.execute("insert into quota(S_NO,Quota) values({},'{}')".format(4,"Tatkal"))

mycon.commit()

cursor.execute("CREATE TABLE `pd`(`S_No` int NOT NULL
AUTO_INCREMENT,`B_No` int NOT NULL DEFAULT '0',`Name` varchar(15)
DEFAULT NULL,`Age` int DEFAULT NULL,`Gender` varchar(7) DEFAULT
NULL,`Phone_Number` varchar(14) DEFAULT NULL,PRIMARY KEY (`S_No`)
AUTO_INCREMENT=14 ")

cursor.execute("create table amt(S_NO int PRIMARY KEY AUTO_INCREMENT,Name
varchar(20),total_amt int(10))")
```

#sql_three.py

```
import mysql.connector as sqltor
mycon=sqltor.connect(host="localhost",user="root",passwd="root",database="railw
ay_management")

cursor=mycon.cursor()

cursor.execute("create table Tatkal(S_NO integer(1),Class varchar(15))")
cursor.execute("insert into Tatkal(S_NO,Class) values({},'{}')".format(1,'First
class'))
cursor.execute("insert into Tatkal(S_NO,Class) values({},'{}')".format(2,'Second
class'))
cursor.execute("insert into Tatkal(S_NO,Class) values({},'{}')".format(3,'Third
class'))
cursor.execute("insert into Tatkal(S_NO,Class) values({},'{}')".format(4,'Sleeper'))
cursor.execute("insert into Tatkal(S_NO,Class) values({},'{}')".format(5,'Ladies'))
cursor.execute("insert into Tatkal(S_NO,Class) values({},'{}')".format(6,'Gents'))
cursor.execute("insert into Tatkal(S_NO,Class) values({},'{}')".format(7,'General'))

mycon.commit()

cursor.execute("create table td(S_NO int PRIMARY KEY
AUTO_INCREMENT,Departure varchar(25),Destination varchar(25),Train
varchar(30),Time varchar(15),B_NO int(5))")

cursor.execute("create table st(S_NO int PRIMARY KEY AUTO_INCREMENT,B_NO
int(5),Class_Quota varchar(20),Seat varchar(20))")
```

```
cursor.execute("create table da(S_NO int PRIMARY KEY AUTO_INCREMENT,Date
varchar(10))")

cursor.execute("CREATE TABLE booking_details(S_NO int NOT NULL
AUTO_INCREMENT,name varchar(50),phone_number varchar(50),age int,gender
varchar(10),booked_date timestamp NULL DEFAULT CURRENT_TIMESTAMP,_from
varchar(50),_to varchar(50),total_passenger int,total_amount int,date_to_journy
varchar(50),payment_status varchar(50) DEFAULT 'No',PRIMARY KEY
(`s_no`),UNIQUE KEY `S.No` (`s_no`))")
```

Output:

Welcome Screen:

```
========== RESTART: C:\Users\HP-PC\Downloads\Railway (1).py ==========

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ABOUT INDIAN RAILWAYS

The first railway on Indian sub-continent ran over a stretch of 21 miles from Bombay to Thane.
The idea of a railway to connect Bombay with Thane, Kalyan and with the Thal and Bhore Ghats inclines first occurred
to Mr. George Clark, the Chief Engineer of the Bombay Government, during a visit to Bhandup in 1843.

The formal inauguration ceremony was performed on 16th April 1853, when 14 railway carriages carrying about 400 guests
left Bori Bunder at 3.30 pm "amidst the loud applause of a vast multitude and to the salute of 21 guns."
The first passenger train steamed out of Howrah station destined for Hooghly, a distance of 24 miles, on 15th August,
1854. Thus the first section of the East Indian Railway was opened to public traffic, inaugurating the beginning of
railway transport on the Eastern side of the subcontinent.


In south the first line was opened on Ist July, 1856 by the Madras Railway Company. It ran between Vyasarpadi Jeeva
Nilayam (Veyasarpandy) and Walajah Road (Arcot), a distance of 63 miles. In the North a length of 119 miles of line
was laid from Allahabad to Kanpur on 3rd March 1859. The first section from Hathras Road to Mathura Cantonment was opened
to traffic on 19th October, 1875.

These were the small's beginnings which is due course developed into a network of railway lines all over the country.
By 1880 the Indian Railway system had a route mileage of about 9000 miles. INDIAN RAILWAYS, the premier transport organization
of the country is the largest rail network in Asia and the world's second largest under one management.



Welcome to Booking, please register your details for booking

Enter Name :
```

Login Module:

```
========== RESTART: C:\Users\HP-PC\Downloads\Railway (1).py ==========

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ABOUT INDIAN RAILWAYS

The first railway on Indian sub-continent ran over a stretch of 21 miles from Bombay to Thane.
The idea of a railway to connect Bombay with Thane, Kalyan and with the Thal and Bhore Ghats inclines first occurred
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In south the first line was opened on Ist July, 1856 by the Madras Railway Company. It ran between Vyasarpadi Jeeva
Nilayam (Veyasarpandy) and Walajah Road (Arcot), a distance of 63 miles. In the North a length of 119 miles of line
was laid from Allahabad to Kanpur on 3rd March 1859. The first section from Hathras Road to Mathura Cantonment was opened
to traffic on 19th October, 1875.

These were the small's beginnings which is due course developed into a network of railway lines all over the country.
By 1880 the Indian Railway system had a route mileage of about 9000 miles. INDIAN RAILWAYS, the premier transport organization
of the country is the largest rail network in Asia and the world's second largest under one management.



Welcome to Booking, please register your details for booking

Enter Name : ABC
Enter your age:19

Enter Gender(Male/Female) : Female

Enter Phone Number : 9876543210
Booking Number =  2

Welcome to Booking

        1.Plan your Journey
        2.PNR Enquiry
        3.Refund
        4.Exit

Select your need :
```

Plan Your Journey:

```
   Welcome to Booking

          1.Plan your Journey
          2.PNR Enquiry
          3.Refund
          4.Exit

 Select your need : 1

        Planning a Journey


 Today's date: 7 / 1 / 2022
 Enter Date of Travel(dd/mm/yyyy) : 5/1/2022
 Incorrect date(date of journey should not be before current date)
 Enter Date of Travel(dd/mm/yyyy) : 10/1/2022


    DEPARTURE   AND   DESTINATION

 (1, 'Tirunelveli', 'Chengalpattu')
 (2, 'Tirunelveli', 'Erode')
 (3, 'Tirunelveli', 'Tiruchendur')
 (4, 'Tirunelveli', 'Sengottai')
 (5, 'Tirunelveli', 'Coimbator')
 (6, 'Tuticorin', 'Chengalpattu')
 (7, 'Tuticorin', 'Erode')
 (8, 'Tuticorin', 'Tiruchendur')
 (9, 'Tuticorin', 'Sengottai')
 (10, 'Tuticorin', 'Coimbator')
 (11, 'Kanyakumari', 'Chengalpattu')
 (12, 'Kanyakumari', 'Erode')
 (13, 'Kanyakumari', 'Tiruchendur')
 (14, 'Kanyakumari', 'Sengottai')
 (15, 'Kanyakumari', 'Coimbator')
 (16, 'Madurai', 'Chengalpattu')
 (17, 'Madurai', 'Erode')
 (18, 'Madurai', 'Tiruchendur')
 (19, 'Madurai', 'Sengottai')
 (20, 'Madurai', 'Coimbator')
 (21, 'Nagarcoil', 'Chengalpattu')
 (22, 'Nagarcoil', 'Erode')
 (23, 'Nagarcoil', 'Tiruchendur')
 (24, 'Nagarcoil', 'Sengottai')
 (25, 'Nagarcoil', 'Coimbator')

 Select your Departure and Destination :
```

Trains Module:

```
Select your Departure and Destination : 7
('Tuticorin', 'Erode')

(S_NO,Trains,Time)

(16, 'VIVEK EXPRESS', '10:00 PM')
(17, 'MYSORE EXPRESS', '4:25 PM')
(18, 'TN CBE LINK EXPRESS', '10:35 PM')

The Train I need : 14
Select only 16,17 or 18

The Train I need : 17
('MYSORE EXPRESS', '4:25 PM')

Number of Passengers = 2
```

Passenger 1 Details(Class):

```
        ******* You have to give the personal details of all the passengers *******

 Enter Name : XYZ
 Enter age : 20
 Gender(male/female) : male
 Enter Phone Number : 9764318520


 1.Class :
 ('1st class',)
 ('2nd class',)
 ('3rd class',)
 ('Sleeper',)


 2.Quota :
 ('General',)
 ('Ladies',)
 ('Gents',)
 ('Tatkal',)

Class or Quota ?1


    Class
(1, '1st class')
(2, '2nd class')
(3, '3rd class')
(4, 'Sleeper')


Enter the class : 2
('2nd class',)

Seat :
       1.Lower Berth
       2. Upper Berth
       3.Side Lower Berth
       4.Side Upper Berth
Select your desired seat : 1
Seat=Lower Berth
```

Passenger 2 Details (Quota):

```
 1.Class :
 ('1st class',)
 ('2nd class',)
 ('3rd class',)
 ('Sleeper',)


 2.Quota :
 ('General',)
 ('Ladies',)
 ('Gents',)
 ('Tatkal',)


 Class or Quota ?2


    Quota
 (1, 'General')
 (2, 'Ladies')
 (3, 'Gents')
 (4, 'Tatkal')


 Enter the Quota : 2
 ('Ladies',)

 Seat :
        1.Lower Berth
        2. Upper Berth
        3.Side Lower Berth
        4.Side Upper Berth
        5.Middle Berth
 Select your desired seat : 3
 Seat=Side Lower Berth

 Is there any children with you(y/n)?n
```

Payment Details:

```
Total Amount for this booking is  1980
X-----------Welcome to Payment--------------X
Enter your name:ABC
Enter your age:20
X-----------CHOOSE MODE OF TRANSACTION--------------X
1) NET BANKING
2) CREDIT/DEBIT CARD
3) UPI PAYMENT
ENTER (1/2/3) : 1
X-----------CHOOSE BANK--------------X
1) STATE BANK OF INDIA
2) INDIAN BANK
3) INDIAN OVERSEAS BANK
4) CANARA BANK
5) ICICI BANK
6) HDFC BANK
7) UNION BANK
ENTER (1/2/3/4/5/6/7) : 1
USERNAME : ABC
ENTER PASSWORD : 12345
```

Transaction:

```
X---------------------------------- STATE BANK OF INDIA ---------------------------------------X
| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxx
|
| TRANSFER NUMBER : xxxxxxxx
|
| DATE :  10/1/2022
|
| USERNAME :  ABC
|
| TOTAL AMOUNT TO BE TRANSFERRED :  1980
|
Do you agree to the payment?(y/n)y
OTP will be generated ...
84940
ENTER OTP : 84904
INCORRECT OTP!! TRY AGAIN!!
OTP will be generated ...
63018
ENTER OTP : 63018
YOUR AMOUNT HAS BEEN SUCCESSFULLY PAID AND THE TICKET HAS BEEN BOOKED
|
x--------------------THANK YOU FOR USING OUR SERVICES----------------x
```

PNR code:

```
YOUR PNR CODE IS :  2
Press any key to go to main page:
```

Back to main page:

```
Press any key to go to main page:

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```

```
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Welcome to Booking, please register your details for booking

Enter Name :
```

Re-register:

```
Welcome to Booking, please register your details for booking

Enter Name : ABC
Enter your age:20

Enter Gender(Male/Female) : Female

Enter Phone Number : 9764318520
Booking Number =  3
```

PNR module:

```
Welcome to Booking

        1.Plan your Journey
        2.PNR Enquiry
        3.Refund
        4.Exit

Select your need : 2
Enter your PNR Number:2
PNR NO= 2
NAME= ABC
PHONE NUMBER= 9764310258
AGE= 20
GENDER= Female
DATE OF JOURNEY= 10/1/2022
Total amount= 1980
Departure= Tuticorin
Destination= Erode
Train Name=  MYSORE EXPRESS
Train time= 4:25 PM

**********PASSENGER DETAILS**********
        -------------
        Passenger :  1
        -------------
        Name = XYZ
        Age= 20
        Gender= male
        Phone NUmber= 9764318520
        -------------
        Passenger :  2
        -------------
        Name = ABC
        Age= 20
        Gender= female
        Phone NUmber= 9764318520

**********HAVE A SAFE JOURNEY AHEAD**********
Press any key to go to main page:
```

Back to main page:

```
Press any key to go to main page:

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```

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Welcome to Booking, please register your details for booking

Enter Name :
```

Re-registering:

```
Welcome to Booking, please register your details for booking

Enter Name : ABC
Enter your age:20

Enter Gender(Male/Female) : Female

Enter Phone Number : 9764318520
Booking Number =  4
```

Refund module:

```
Welcome to Booking

        1.Plan your Journey
        2.PNR Enquiry
        3.Refund
        4.Exit

Select your need : 3
ENTER PNR NUMBER :
```

Refunding:

```
Welcome to Booking

        1.Plan your Journey
        2.PNR Enquiry
        3.Refund
        4.Exit

Select your need : 3
ENTER PNR NUMBER : 2
ENTER DATE OF TRAVEL(DDMMYYYY) : 10012022
ENTER DATE OF CANCELLATION(DDMMYYYY) : 07012022
ENTER CURRENT DATE : 07012022
HALF AMOUNT WILL BE DEDUCTED

X------------PLEASE FOR THE TRANSACTION PAGE TO LOAD------------X
Enter your name:
```

Transaction for refund:

```
X------------PLEASE FOR THE TRANSACTION PAGE TO LOAD------------X
Enter your name:ABC
Enter your age:20
X------------CHOOSE MODE OF TRANSACTION---------------X
1) NET BANKING
2) CREDIT/DEBIT CARD
3) UPI PAYMENT
ENTER (1/2/3) : 1
X------------CHOOSE BANK---------------X
1) STATE BANK OF INDIA
2) INDIAN BANK
3) INDIAN OVERSEAS BANK
4) CANARA BANK
5) ICICI BANK
6) HDFC BANK
7) UNION BANK
ENTER (1/2/3/4/5/6/7) : 1
USERNAME : ABC
ENTER PASSWORD : 12345
X---------------------------------- STATE BANK OF INDIA -------------------------------------X
| ACKNOWLEDGEMENT NUMBER : xxxxxxxxxx
|
| TRANSFER NUMBER : xxxxxxxx
|
| DATE :  7012022
|
| USERNAME :  ABC
|
| TOTAL AMOUNT TO BE TRANSFERRED :  990.0
|
Do you agree to the payment?(y/n)
```

Successful refund:

```
.
Do you agree to the payment?(y/n)y
OTP will be generated ...
20965
ENTER OTP : 20965
YOUR AMOUNT HAS BEEN REFUNDED AND THE TICKET HAS BEEN CANCELLED
|
x--------------------THANK YOU FOR USING OUR SERVICES----------------x
Press any key to go to main page:
```

Back to main page:

```
Press any key to go to main page:

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Enter Name :
```

Exit:

```
Welcome to Booking, please register your details for booking

Enter Name : ABC
Enter your age:20

Enter Gender(Male/Female) : Female

Enter Phone Number : 9764318520
Booking Number =  5

Welcome to Booking

        1.Plan your Journey
        2.PNR Enquiry
        3.Refund
        4.Exit

Select your need : 4
>>>
```