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ONLINE TICKET BOOKING IN PYTHON

```
import mysql.connector
import datetime
dt=datetime.datetime.now()
print(dt)
mydb=mysql.connector.connect(
   host="localhost",
   user="root",
   password="Bas@404#mysql",
   database="python"
)
def Train_Ticket(Available_Tickets):
   print("1<-Insert_PassengerDetails")
   print("2<-Update_PassengerDetails")
   print("3<-Delete_PassengerDetails")
   print("4<-View_PassengerDetails")
   print("5<-Exit")
   print("--------------------------")
   passenger=int(input("Enter your choice : "))
   print("--------------------------")
   if passenger==1:
```

```
    mycursor=mydb.cursor()
    Per_TicketCost=100
    print("Per Ticket cost is :",Per_TicketCost)
    print("Available Tickets are :",Available_Tickets)
    Passenger_Name1=input("Enter Passenger Name 1 : ")
    Passenger_Name2=input("Enter Passenger Name 2 : ")
    Passenger_Name3=input("Enter Passenger Name 3 : ")
    Passenger_Name4=input("Enter Passenger Name 4 : ")
    Passenger_Name5=input("Enter Passenger Name 5 : ")
    Passenger_Age1=int(input("Enter Passenger Age 1 : "))
    Passenger_Age2=int(input("Enter Passenger Age 2 : "))
    Passenger_Age3=int(input("Enter Passenger Age 3 : "))
    Passenger_Age4=int(input("Enter Passenger Age 4 : "))
    Passenger_Age5=int(input("Enter Passenger Age 5 : "))
    Passenger_Address=input("Enter your address : ")
    Total_Passengers=int(input("Enter how many passengers : "))
    Strating_Location=input("Enter Strating Location : ")
    Ending_Location=input("Enter Ending Location : ")
    Duration_of_Travelling=str(input("Enter Duration of Travelling : "))
    cost=Total_Passengers*Per_TicketCost
    Gst=cost*10/100
    Total_Cost=cost+Gst
    print("Total cost is : ",Total_Cost)
    Date=datetime.datetime.now()
    print("Date :",Date)
    Time=dt.strftime("%I:%M:%S")
    print("normal_time :",Time)
    sql="insert into Train_Ticket ( Passenger_Name1, Passenger_Name2, Passenger_Name3,
Passenger_Name4,
```

```
Passenger_Name5,Passenger_Age1,Passenger_Age2,Passenger_Age3,Passenger_Age4,Passenger_Age5,
Passenger_Address,Starting_Location,Ending_Location,Total_Passengers,Per_Ticketcost,Date,Time,Durati
on_Of_Travelling,Total_cost) values (%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s)"

      val=( Passenger_Name1, Passenger_Name2, Passenger_Name3, Passenger_Name4,
Passenger_Name5,Passenger_Age1,Passenger_Age2,Passenger_Age3,Passenger_Age4,Passenger_Age5,
Passenger_Address,Strating_Location,Ending_Location,Total_Passengers,Per_TicketCost,Date,Time,Durat
ion_of_Travelling,Total_Cost)

      mycursor.execute(sql,val)

      mydb.commit()

      print("Successfully inserted passengers details")

   elif passenger==2:

      mycursor=mydb.cursor()

      Date=datetime.datetime.now()

      print("Date :",Date)

      Time=dt.strftime("%I:%M:%S")

      print("normal_time :",Time)

      new=input("Enter New Strating Location : ")

      old=input("Enter old Starting Location : ")

      sql=(f"update Train_Ticket set Starting_Location ='{new}' where Strating_Location ='{old}'")

      mycursor.execute(sql)

      mydb.commit()

      print("Successfully updated passenger details")

   elif passenger==3:

      mycursor=mydb.cursor()

      Date=datetime.datetime.now()

      print("Date :",Date)

      Time=dt.strftime("%I:%M:%S")

      print("normal_time :",Time)

      address=int(input("Enter delete Passenger address: "))

      sql=(f"delete from Train_Ticket where Passenger_Address ={address} ")
```

```
        mycursor.execute(sql)
        mydb.commit()
        print("Successfully deleted passenger details")
    elif passenger==4:
        mycursor=mydb.cursor()
        Date=datetime.datetime.now()
        print("Date :",Date)
        Time=dt.strftime("%I:%M:%S")
        print("normal_time :",Time)
        mycursor.execute("select*from Train_Ticket")
        result=mycursor.fetchall()
        for i in result:
            print(i)
        print("Successfully Viewed passengers details")
        print("Successfully booked Train Ticket")
    else:
        print("Exit")
        print("-----------------------------")
def Bus_Ticket(Available_Tickets):
    print("1<-Insert_PassengerDetails")
    print("2<-Update_PassengerDetails")
    print("3<-View_PassengerDetails")
    print("4<-Exit")
    print("--------------------")
    passenger=int(input("Enter your choice : "))
    print("----------------------------------")
    if passenger==1:
        mycursor=mydb.cursor()
        Per_Ticketcost=100
```

```
        print("Per Ticket Cost :",Per_Ticketcost)
        print("Available Tickets are :",Available_Tickets)
        Date=datetime.datetime.now()
        print("Date :",Date)
        Time=dt.strftime("%I:%M:%S")
        print("normal_time :",Time)
        Total_Passengers=int(input("Enter how many passengers are travel : "))
        Strating_Location=input("Enter your Strating location : ")
        Ending_Location=input("Enter your Ending location : ")
        Duration_of_Travelling=str(input("Enter duration of travelling : "))
        cost=Total_Passengers*Per_Ticketcost
        Gst=cost*10/100
        Total_cost=cost+Gst
        print("Total Cost is :",Total_cost)
        sql="insert into Bus_Ticket
(Per_Ticketcost,Date,Time,Total_Passengers,Strating_Location,Ending_Location,Duration_of_Travelling,To
tal_cost) values (%s,%s,%s,%s,%s,%s,%s,%s)"
        val=
(Per_Ticketcost,Date,Time,Total_Passengers,Strating_Location,Ending_Location,Duration_of_Travelling,To
tal_cost)
        mycursor.execute(sql,val)
        mydb.commit()
        print("Successfully insert passenger details")
    elif passenger==2:
        mycursor=mydb.cursor()
        Date=datetime.datetime.now()
        print("Date :",Date)
        Time=dt.strftime("%I:%M:%S")
        print("normal_time :",Time)
        New=int(input("Enter new how many passengers are travel : "))
```

```
        Old=int(input("Enter old how many passengers are travel : "))
        sql=(f"update Bus_Ticket set Total_Passengers ='{New}' where Total_Passengers ='{Old}'")
        mycursor.execute(sql)
        mydb.commit()
        print("Successfully updated passengers details")
    elif passenger==3:
        mycursor=mydb.cursor()
        Date=datetime.datetime.now()
        print("Date :",Date)
        Time=dt.strftime("%I:%M:%S")
        print("normal_time :",Time)
        mycursor.execute("select*from Bus_Ticket")
        result=mycursor.fetchall()
        for i in result:
            print(i)
        print("Successfully viewed passenger details")
        print("Successfully booked Bus Ticket")
    else:
        print("Exit")
        print("-----------------------------------")
def Exit():
    print(Exit)
    print("--------------------------")
while True:
    print("1<-Train_Ticket")
    print("2<-Bus_Ticket")
    print("3<-Exit")
    user=int(input("Enter your choice : "))
    print("----------------------------")
```

```
    if user==1:
        Train_Ticket(20)
    elif user==2:
        Bus_Ticket(10)
    else:
        print(Exit)
```

OUTPUT:

```
Enter your choice : 1
-----------------------------
1<-Insert_PassengerDetails
2<-Update_PassengerDetails
3<-Delete_PassengerDetails
4<-View_PassengerDetails
5<-Exit
-------------------------
Enter your choice : 1
-------------------------
Per Ticket cost is : 100
Available Tickets are : 20
Enter Passenger Name 1 : karthi
Enter Passenger Name 2 : poovarasan
Enter Passenger Name 3 : srinath
Enter Passenger Name 4 : sathish
Enter Passenger Name 5 : str
Enter Passenger Age 1 : 23
Enter Passenger Age 2 : 30
```

Enter Passenger Age 3 : 40

Enter Passenger Age 4 : 41

Enter Passenger Age 5 : 44

Enter your address : ambur

Enter how many passengers : 5

Enter Strating Location : ambur

Enter Ending Location : chennai

Enter Duration of Travelling : 3hrs

Total cost is : 550.0

Date : 2022-09-18 10:56:19.348684

normal_time : 10:51:59

Successfully inserted passengers details

1<-Train_Ticket

2<-Bus_Ticket

3<-Exit

Enter your choice : 1

1<-Insert_PassengerDetails

2<-Update_PassengerDetails

3<-Delete_PassengerDetails

4<-View_PassengerDetails

5<-Exit

Enter your choice : 4

Date : 2022-09-18 10:58:08.166874

normal_time : 10:51:59

('karthi', 'poovarasan', 'srinath', 'sathish', 'str', 23, 30, 40, 41, 44, datetime.timedelta(seconds=39119), datetime.date(2022, 9, 18), 5, 550, 'ambur', 'chennai', 100, 'ambur', '3hrs')

Successfully Viewed passengers details

Successfully booked Train Ticket

1<-Train_Ticket

2<-Bus_Ticket

3<-Exit

Enter your choice : 2

1<-Insert_PassengerDetails

2<-Update_PassengerDetails

3<-View_PassengerDetails

4<-Exit

Enter your choice : 1

Per Ticket Cost : 100

Available Tickets are : 10

Date : 2022-09-18 10:59:08.134546

normal_time : 10:51:59

Enter how many passengers are travel : 5

Enter your Strating location : ambur

Enter your Ending location : kanchipuram

Enter duration of travelling : 1hrs

Total Cost is : 550.0

Successfully insert passenger details

1<-Train_Ticket

2<-Bus_Ticket

3<-Exit

Enter your choice : 2

1<-Insert_PassengerDetails

2<-Update_PassengerDetails

3<-View_PassengerDetails

4<-Exit

Enter your choice : 3

Date : 2022-09-18 11:00:21.917286

normal_time : 10:51:59

(5, datetime.date(2022, 9, 18), datetime.timedelta(seconds=39119), 550, 'ambur', 'kanchipuram', '1hrs', 100)

Successfully viewed passenger details

Successfully booked Bus Ticket

1<-Train_Ticket

2<-Bus_Ticket

3<-Exit

Enter your choice : 3

<function Exit at 0x0000019DE000C8B0>