PL PROJECT

Insert:

```
import mysql.connector
import tkinter
from tkinter import *
root= tkinter.Tk()
root.title('Insert')
root.geometry("500x500")

mydb =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')



class InsertData:
    def __init__(self,root):
        self.f=Frame(root,height=500,width=500,bg="black")
        self.f.pack()
        self.l1 = Label(text="Customer_Id")
        self.l1.pack()
        self.l2=Label(text="First Name")
        self.l2.pack()
        self.l3=Label(text="Last Name")
        self.l3.pack()
        self.l4=Label(text="Zipcode")
        self.l4.pack()
        self.l5=Label(text="City")
        self.l5.pack()
        self.l6 = Label(text="State")
        self.l6.pack()
        self.l7 = Label(text="Number")
        self.l7.pack()
        self.e1=Entry(self.f,width=20)
        self.e1.pack()
        self.e2=Entry(self.f,width=30)
        self.e2.pack()
        self.e3=Entry(self.f,width=30)
        self.e3.pack()
        self.e4=Entry(self.f,width=30)
        self.e4.pack()
        self.e5=Entry(self.f,width=30)
        self.e5.pack()
        self.e6 = Entry(self.f, width=30)
        self.e6.pack()
        self.e7 = Entry(self.f, width=30)
        self.e7.pack()


self.b1=Button(self.f,text="INSERT",width=15,height=2,bg="green",fg='white'
,command=self.buttonClick)
        self.b1.pack()

self.b3=Button(self.f,text="Exit",width=15,height=2,bg="brown",fg='black',c
ommand=root.destroy)
        self.b3.pack()
```

Pranav Kolhe (B228)
Dhairya Desai(B212)

```
        self.l1.place(x=50,y=50)
        self.l2.place(x=50,y=80)
        self.l3.place(x=50,y=110)
        self.l4.place(x=50,y=140)
        self.l5.place(x=50,y=170)
        self.l6.place(x=50, y=200)
        self.l7.place(x=50, y=230)
        self.e1.place(x=200,y=50)
        self.e2.place(x=200,y=80)
        self.e3.place(x=200,y=110)
        self.e4.place(x=200,y=140)
        self.e5.place(x=200,y=170)
        self.e6.place(x=200, y=200)
        self.e7.place(x=200, y=230)
        self.b1.place(x=100,y=300)
        self.b3.place(x=100,y=400)
    def buttonClick(self):
        str1=self.e1.get()
        str2=self.e2.get()
        str3=self.e3.get()
        str4=self.e4.get()
        str5=self.e5.get()
        str6=self.e6.get()
        str7=self.e7.get()
        self.l3=Label(self.f,text="Data is Inserted",width=20)
        self.l3.pack()
        self.l3.place(x=100,y=350)



        conn =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')

        cursor=conn.cursor()
        ins="Insert into Customer
(Customer_id,first_name,last_name,zipcode,city,state,phone_no)
values(%s,%s,%s,%s,%s,%s,%s)"


        va=(str1,str2,str3,str4,str5,str6,str7)
        cursor.execute(ins,va)
        try:
            conn.commit()
            print(cursor.rowcount,'row is inserted')
        except:
            conn.rollback()
        cursor.execute("select * from customer")
        row=cursor.fetchone()
        while row is not None:
            print(row)
            row=cursor.fetchone()
        cursor.close()
        conn.close()


r=InsertData(root)
root.mainloop()
mydb.commit()
```

Output:

Pranav Kolhe (B228)
Dhairya Desai(B212)

```
1 row is inserted
(1, 'Pranav', 'Kolhe', 1256, 'Thane', 'Maharashtra', '8369612873')
(2, 'Dhairya', 'Desai', 6241, 'Navsari', 'Gujarat', '9757010125')
(3, 'Nikhil', 'Khandelwal', 9957, 'Jaipur', 'Rajasthan', '9973563728')
(4, 'Shivang', 'Mishra', 4021, 'Indore', 'Madhya Pradesh', '7726150689')
(5, 'Alay', 'Sanchania', 5792, 'Surat', 'Gujarat', '9371888821')
(6, 'Kaivalya', 'Pulekar', 1288, 'Mumbai', 'Maharashtra', '8211567899')
(7, 'Akul', 'Ahuja', 9888, 'Jaipur', 'Rajasthan', '8811143098')
(8, 'Devansh', 'Shah', 1290, 'Mumbai', 'Maharashtra', '9821606231')
(9, 'Ashutosh', 'Dhadich', 9878, 'Udaipur', 'Rajasthan', '9892516242')
(10, 'Kenil', 'Navadiya', 6789, 'Surat', 'Surat', '9714553814')
```

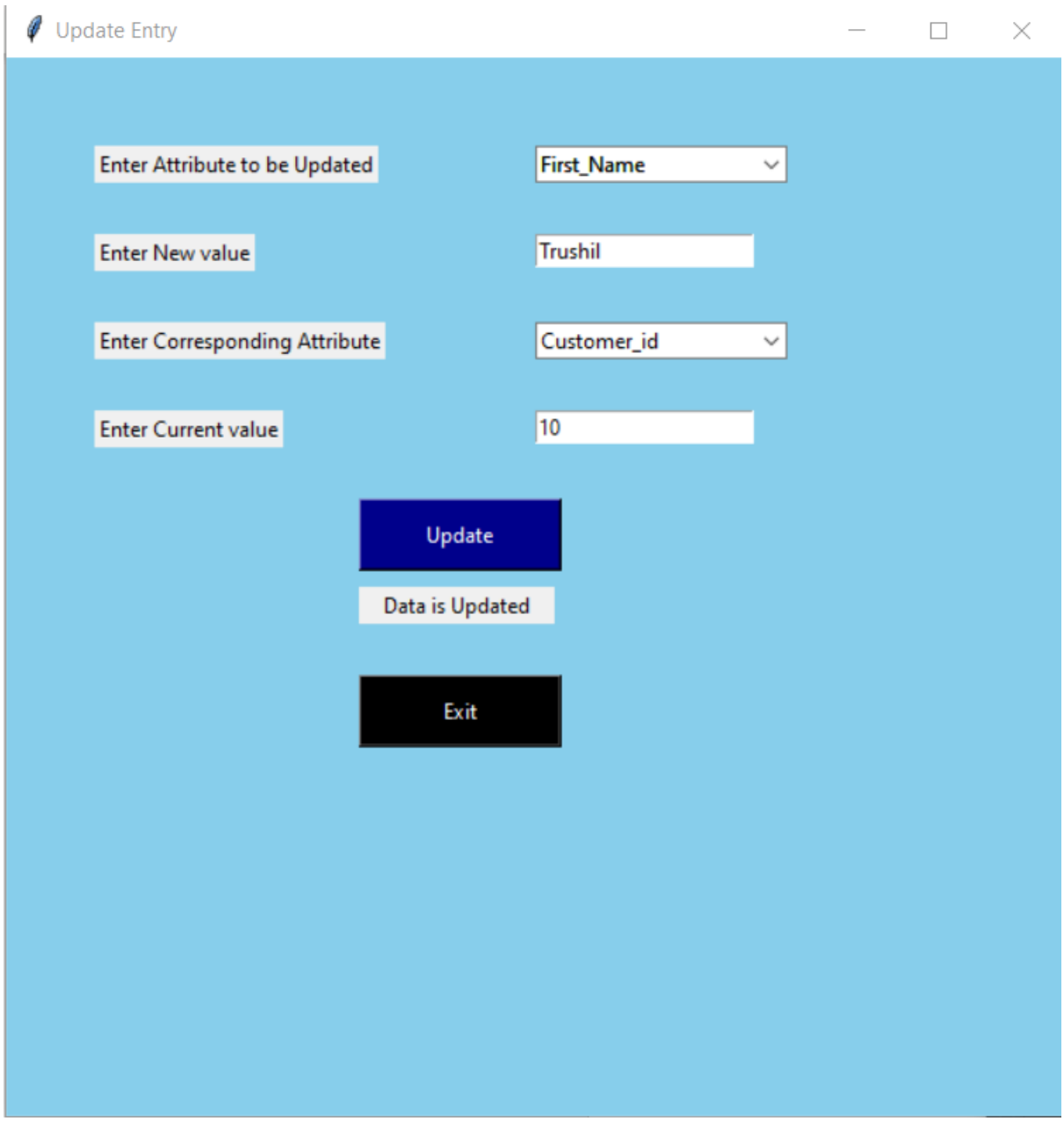
Update:

```
import tkinter
import mysql.connector
from tkinter import *
from tkinter import ttk
root= tkinter.Tk()
root.title('Update Entry')
root.geometry("600x600")

mydb =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')

class UpdateData:
    def __init__(self,root):
        self.f=Frame(root,height=600,width=600,bg="sky blue")
        self.f.pack()
        self.l1=Label(text="Enter Attribute to be Updated")
        self.l1.pack()
        self.l2=Label(text="Enter New value")
        self.l2.pack()
        self.l3=Label(text="Enter Corresponding Attribute")
        self.l3.pack()
        self.l4=Label(text="Enter Current value")
        self.l4.pack()

        option=["Customer_id",
                "First_Name",
                "Last_Name",
                "City",
                "Phone_Number",
               ]
        self.clicked = StringVar()
        self.e1 = ttk.Combobox(self.f,value=option,width=20)
        self.e1.pack()
        self.e1.current(0)

        self.e2=Entry(self.f,width=20)
        self.e2.pack()
```

```
        option1=["Customer_id",
                 "First_Name",
                 "Last_Name",
                 "City",
                 "Phone_Number",
                ]
        self.clicked1 = StringVar()
        self.e3 = ttk.Combobox(self.f,value=option1,width=20)
        self.e3.pack()
        self.e3.current(0)

        self.e4=Entry(self.f,width=20)
        self.e4.pack()
        self.b1=Button(self.f,text="Update",width=15,height=2,bg="dark
blue",fg='white',command=self.buttonClick)
        self.b1.pack()

self.b3=Button(self.f,text="Exit",width=15,height=2,bg="black",fg='white',c
ommand=root.destroy)
        self.b3.pack()
        self.l1.place(x=50,y=50)
        self.l2.place(x=50,y=100)
        self.l3.place(x=50,y=150)
        self.l4.place(x=50,y=200)
        self.e1.place(x=300,y=50)
        self.e2.place(x=300,y=100)
        self.e3.place(x=300,y=150)
        self.e4.place(x=300,y=200)
        self.b1.place(x=200,y=250)
        self.b3.place(x=200,y=350)
    def buttonClick(self):
        str1=self.e1.get()
        str2=self.e2.get()
        str3=self.e3.get()
        str4=self.e4.get()
        self.l3=Label(self.f,text="Data is Updated",width=15)
        self.l3.pack()
        self.l3.place(x=200,y=300)

        conn =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')

        cursor=conn.cursor()
        x="Update Customer set %s= '%s' where %s='%s' "
        args=(str1,str2,str3,str4)
        cursor.execute(x %args)
        try:
            conn.commit()
            print(cursor.rowcount,'Row is Updated')
        except:
            conn.rollback()
        cursor.execute("select * from Customer")
        row=cursor.fetchone()
        while row is not None:
            print(row)
            row=cursor.fetchone()
        cursor.close()
        conn.close()
```

```
p=UpdateData(root)
root.mainloop()
mydb.commit()
```

Output:



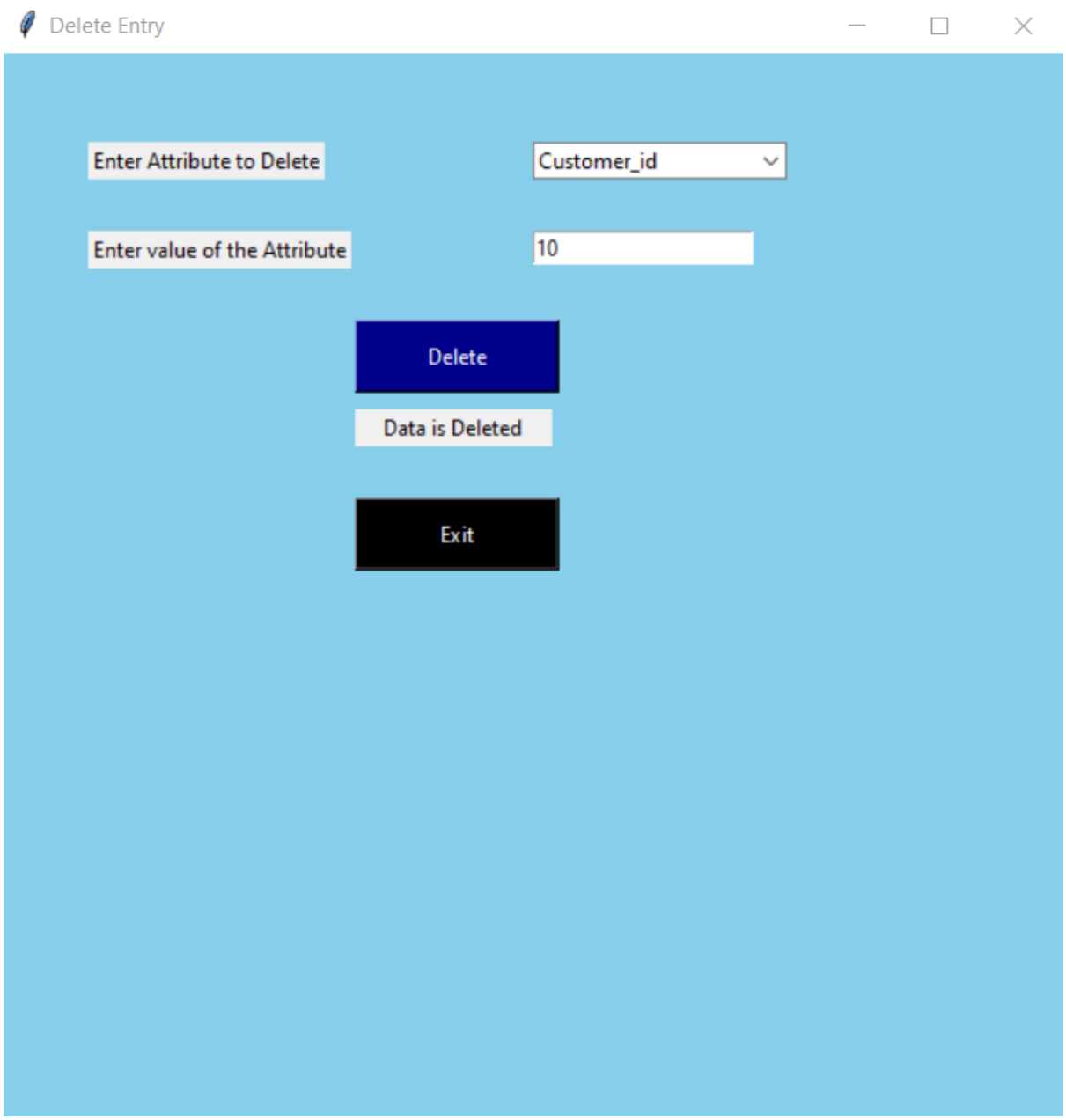
```
1 Row is Updated
(1, 'Pranav', 'Kolhe', 1256, 'Thane', 'Maharashtra', '8369612873')
(2, 'Dhairya', 'Desai', 6241, 'Navsari', 'Gujarat', '9757010125')
(3, 'Nikhil', 'Khandelwal', 9957, 'Jaipur', 'Rajasthan', '9973563728')
(4, 'Shivang', 'Mishra', 4021, 'Indore', 'Madhya Pradesh', '7726150689')
(5, 'Alay', 'Sanchania', 5792, 'Surat', 'Gujarat', '9371888821')
(6, 'Kaivalya', 'Pulekar', 1288, 'Mumbai', 'Maharashtra', '8211567899')
(7, 'Akul', 'Ahuja', 9888, 'Jaipur', 'Rajasthan', '8811143098')
(8, 'Devansh', 'Shah', 1290, 'Mumbai', 'Maharashtra', '9821606231')
(9, 'Ashutosh', 'Dhadich', 9878, 'Udaipur', 'Rajasthan', '9892516242')
(10, 'Trushil', 'Navadiya', 6789, 'Surat', 'Surat', '9714553814')
```

Delete:

```
import mysql.connector
from tkinter import *
from tkinter import ttk
root= Tk()
root.title('Delete Entry')
root.geometry("600x600")

mydb =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')

class DeleteData:
    def __init__(self,root):
        self.f=Frame(root,height=600,width=600,bg="sky blue")
        self.f.pack()
        self.l1=Label(text="Enter Attribute to Delete")
        self.l1.pack()
        self.l2=Label(text="Enter value of the Attribute")
        self.l2.pack()

        option=["Customer_id",
                "First_Name",
                "Last_Name",
                "City",
                "Phone_Number"
               ]
        self.clicked = StringVar()
        self.e1 = ttk.Combobox(self.f,value=option,width=20)
        self.e1.pack()
        self.e1.current(0)

        self.e2=Entry(self.f,width=20)
        self.e2.pack()
        self.e3=Entry(self.f,width=20)
        self.b1=Button(self.f,text="Delete",width=15,height=2,bg="dark
blue",fg='white',command=self.buttonClick)
        self.b1.pack()

self.b3=Button(self.f,text="Exit",width=15,height=2,bg="black",fg='white',c
ommand=root.destroy)
        self.b3.pack()
        self.l1.place(x=50,y=50)
        self.l2.place(x=50,y=100)
```

```
        self.e1.place(x=300,y=50)
        self.e2.place(x=300,y=100)
        self.b1.place(x=200,y=150)
        self.b3.place(x=200,y=250)
    def buttonClick(self):
        str1=self.e1.get()
        str2=self.e2.get()
        self.l3=Label(self.f,text="Data is Deleted",width=15)
        self.l3.pack()
        self.l3.place(x=200,y=200)

        conn =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')

        cursor=conn.cursor()
        x="Delete from Customer where %s= '%s' "
        args=(str1,str2)
        cursor.execute(x % args)
        try:
            conn.commit()
            print(cursor.rowcount,'Row is Deleted')
        except:
            conn.rollback()
        cursor.execute("select * from Customer")
        row=cursor.fetchone()
        while row is not None:
            print(row)
            row=cursor.fetchone()
        cursor.close()
        conn.close()


p=DeleteData(root)
root.mainloop()
mydb.commit()
```

Output:



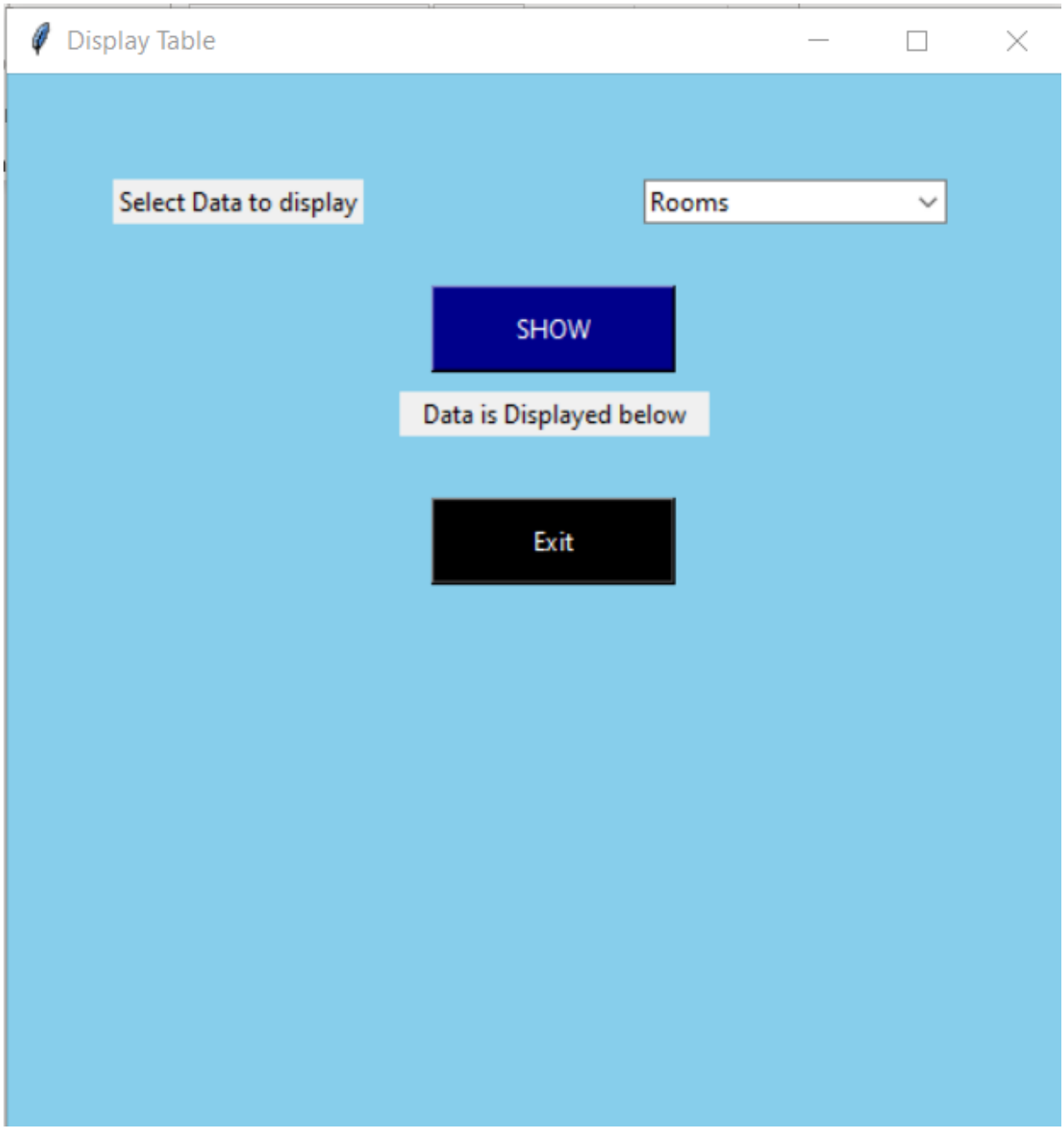

```
1 Row is Deleted
(1, 'Pranav', 'Kolhe', 1256, 'Thane', 'Maharashtra', '8369612873')
(2, 'Dhairya', 'Desai', 6241, 'Navsari', 'Gujarat', '9757010125')
(3, 'Nikhil', 'Khandelwal', 9957, 'Jaipur', 'Rajasthan', '9973563728')
(4, 'Shivang', 'Mishra', 4021, 'Indore', 'Madhya Pradesh', '7726150689')
(5, 'Alay', 'Sanchania', 5792, 'Surat', 'Gujarat', '9371888821')
(6, 'Kaivalya', 'Pulekar', 1288, 'Mumbai', 'Maharashtra', '8211567899')
(7, 'Akul', 'Ahuja', 9888, 'Jaipur', 'Rajasthan', '8811143098')
(8, 'Devansh', 'Shah', 1290, 'Mumbai', 'Maharashtra', '9821606231')
(9, 'Ashutosh', 'Dhadich', 9878, 'Udaipur', 'Rajasthan', '9892516242')
```

Show:

```
import tkinter
import mysql.connector
from tkinter import *
from tkinter import ttk
root= tkinter.Tk()
root.title('Display Table')
root.geometry("500x500")

mydb =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')

class ShowData:
    def __init__(self,root):
        self.f=Frame(root,height=500,width=500,bg="sky blue")
        self.f.pack()
        self.l1=Label(text="Select Data to display")
        self.l1.pack()

        option=["Hotel",
                "Customer",
                "Rooms",
                "Reservation",
                "Services",
                "Billing"
               ]
        self.clicked = StringVar()
        self.e1 = ttk.Combobox(self.f,value=option,width=20)
        self.e1.pack()
        self.e1.current(0)

        self.b1=Button(self.f,text="SHOW",width=15,height=2,bg="dark
blue",fg='white',command=self.buttonClick)
        self.b1.pack()

self.b3=Button(self.f,text="Exit",width=15,height=2,bg="black",fg='white',c
ommand=root.destroy)
        self.b3.pack()
        self.l1.place(x=50,y=50)
        self.e1.place(x=300,y=50)
        self.b1.place(x=200,y=100)
        self.b3.place(x=200,y=200)
    def buttonClick(self):
        str1=self.e1.get()
        self.l3=Label(self.f,text="Data is Displayed below",width=20)
        self.l3.pack()
        self.l3.place(x=185,y=150)

        conn =
mysql.connector.connect(host='localhost',database='Project',user='root',pas
sword='dairbone6701#')

        cursor=conn.cursor()
        x="Select * from %s"
        args=(str1)
        cursor.execute(x % args)
        print("\n")
```

```
        try:
            conn.commit()
            print("\n")
            print(cursor.rowcount,'rows are Showed')
        except:
            conn.rollback()
        cursor.execute(x % args)
        row=cursor.fetchone()
        while row is not None:
            print(row)
            row=cursor.fetchone()
        cursor.close()
        conn.close()


p=ShowData(root)
root.mainloop()
mydb.commit()
```

Output:



Pranav Kolhe (B228)
Dhairya Desai(B212)

```
(1101, 1, 'Single Bed', 2000, 1)
(1102, 1, 'Single Bed', 2000, 1)
(1201, 1, 'Double Bed', 5000, 2)
(1202, 1, 'Double Bed', 5000, 2)
(1301, 1, 'Suite', 8000, 4)
(1302, 1, 'Suite', 8000, 4)
(2101, 2, 'Single Bed', 2000, 1)
(2102, 2, 'Single Bed', 2000, 1)
(2201, 2, 'Double Bed', 5000, 2)
(2202, 2, 'Double Bed', 5000, 2)
(2301, 2, 'Suite', 8000, 4)
(2302, 2, 'Suite', 8000, 4)
(3101, 3, 'Single Bed', 2000, 1)
(3102, 3, 'Single Bed', 2000, 1)
(3201, 3, 'Double Bed', 5000, 2)
(3202, 3, 'Double Bed', 5000, 2)
(3301, 3, 'Suite', 8000, 4)
(3302, 3, 'Suite', 8000, 4)
```