NAME: YOHENBA KSHETRIMAYUM

REG NO: RA1911003010904

WEEK: 5

Experiment Number:5
Aim: To solve allotted week 5 python exercises

SET -3

```python
from tkinter import *

import sqlite3

import tkinter  as tk

from tkinter import messagebox




window = Tk()

window.title("Hostel Room Booking Form")

window.geometry('1500x800')

window.configure(background = "white");




a1=StringVar()

b1=StringVar()

c1=StringVar()

d1=StringVar()

e1=IntVar()

f1=IntVar()

g1=StringVar()

h1=StringVar()

i1=StringVar()

j1=StringVar()

k1=IntVar()
```

```python
l1=StringVar()
m1=IntVar()
p101=StringVar()
p102=StringVar()
p103=StringVar()

def database():
    title=a1.get()
    fname=b1.get()
    lname=c1.get()
    share=d1.get()
    busno=e1.get()
    mobno=f1.get()
    email=g1.get()
    doa=h1.get()
    dod=i1.get()
    nmcred=j1.get()
    credno=k1.get()
    expd=l1.get()
    cvv=m1.get()
    sign=p101.get()
    date=p102.get()
    pname=p103.get()

    db = sqlite3.connect('hostel.db')
    cursor=db.cursor()
    cursor.execute('CREATE TABLE IF NOT EXISTS HOSTEL(a1 TEXT,b1 TEXT,c1 TEXT,d1 TEXT,e1 INT,f1 INT,g1 TEXT,h1 TEXT,i1 TEXT,j1 TEXT,k1 INT,l1 TEXT,m1 INT,p101 TEXT,p102 TEXT,p103 TEXT)')
    cursor.execute('INSERT INTO HOSTEL(a1,b1,c1,d1,e1,f1,g1,h1,i1,j1,k1,l1,m1,p101,p102,p103) VALUES(?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?)',

(title,fname,lname,share,busno,mobno,email,doa,dod,nmcred,credno,expd,cvv,sign,date,pname))
```

```python
        db.commit()

    msg = messagebox.showinfo( "DB Demo","SUBMITTED SUCCESSFULLY")



def display():
    db=sqlite3.connect('hostel.db')

    with db:
        cursor=db.cursor()

        my_w = tk.Tk()

        my_w.geometry("600x250")


        r_set=cursor.execute('''SELECT * from HOSTEL ''');

        i=0

        for HOTEL in r_set:

            for j in range(len(HOTEL)):

                e = Entry(my_w, width=10, fg='blue')

                e.grid(row=i, column=j)

                e.insert(END, HOTEL[j])

            i=i+1
a = Label(window ,text = "Title ").grid(row = 0,column = 0,sticky = "NSEW")

b = Label(window ,text = "First Name ").grid(row = 1,column = 0,sticky = "NSEW")

c = Label(window ,text = "Last Name ").grid(row = 2,column = 0,sticky = "NSEW")

d = Label(window ,text = "Father's name ").grid(row = 3,column = 0,sticky = "NSEW")

e = Label(window ,text = "Year of study ").grid(row = 4,column = 0,sticky = "NSEW")

f = Label(window ,text = "Mobile Number").grid(row = 5,column = 0,sticky = "NSEW")

g = Label(window ,text = "Email Address ").grid(row = 6,column = 0,sticky = "NSEW")

h = Label(window ,text = "Date of Booking ").grid(row = 7,column = 0,sticky = "NSEW")

i = Label(window ,text = "Hometown address ").grid(row = 8,column = 0,sticky = "NSEW")

j = Label(window ,text = "Name on Credit Card ").grid(row = 9,column = 0,sticky = "NSEW")

k = Label(window ,text = "Credit Card Number ").grid(row = 10,column = 0,sticky = "NSEW")
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```python
l = Label(window ,text = "Expiry Date ").grid(row = 11,column = 0,sticky = "NSEW")

m = Label(window ,text = "CVV Number ").grid(row = 12,column = 0,sticky = "NSEW")

n = Label(window ,text = "Payment Method ").grid(row = 13,column = 0,sticky = "NSEW")

CheckVar1 = IntVar()

CheckVar2 = IntVar()

C1 = Checkbutton(window, text = "Credit Card ", variable = CheckVar1, \
        onvalue = 1, offvalue = 0, height=1, \
        width = 20)

C1.grid(row = 13, column = 1 , sticky = "NSEW")

C2 = Checkbutton(window, text = "Debit Bank Transfer ", variable = CheckVar2, \
        onvalue = 1, offvalue = 0, height=1, \
        width = 20)

C2.grid(row = 13, column = 2 , sticky = "NSEW")


p = Label(window ,text = "Negotiated Rates : ").grid(row = 14,column = 0 , sticky = "NSEW")

g = Label(window ,text = "Single Room").grid(row = 15,column = 0 , sticky = "NSEW")

g1 = Label(window ,text = " Rs70000 ").grid(row = 15,column = 1 , sticky = "NSEW")

h = Label(window ,text = "Double Room").grid(row = 15,column = 2 , sticky = "NSEW")

h1 = Label(window ,text = " Rs40000 ").grid(row = 15,column = 3 , sticky = "NSEW")

g = Label(window ,text = "Single Room with washroom").grid(row = 16,column = 0 , sticky = "NSEW")

g1 = Label(window ,text = " Rs100000 ").grid(row = 16,column = 1 , sticky = "NSEW")

h = Label(window ,text = "Double Room with washroom").grid(row = 16,column = 2,sticky = "NSEW")

h1 = Label(window ,text = " Rs90000 ").grid(row = 16,column = 3 ,sticky = "NSEW")

p1 = Label(window ,text = "Room Preference : ").grid(row = 17,column = 0,sticky = "NSEW")

CheckVar11 = IntVar()

CheckVar22 = IntVar()

C3 = Checkbutton(window, text = "AC", variable = CheckVar11, \
        onvalue = 1, offvalue = 0, height=1, \
        width = 20)

C3.grid(row = 18, column = 0)

C4 = Checkbutton(window, text = "NON-AC", variable = CheckVar22, \
```

```python
                onvalue = 1, offvalue = 0, height=1, \
                width = 20)
C4.grid(row = 18, column = 1)


line1 = Label(window, text="The above rates are quoted per room, per year. The rates include
breakfast, lunch and dinner. ", bg="white")

line2 = Label(window, text="Total amount payable at booking.", bg="white")

line3 = Label(window, text="Credit Card will be charged on receipt of this form and details will also
be used to settle all incidentals not settle on\n departure.", bg="white")

line4 = Label(window, text="In order to qualify for the above rates, your booking needs to be made
on or before 15th January 2021", bg="white")

line5 = Label(window, text="Terms and conditions can be found on the next page.", bg="white")

line6 = Label(window, text="The rate is valid for 1 year after the booking dates.", bg="white")

line7 = Label(window, text="By your signature hereto, you are accepting all terms and conditions
specified on this form and confirm that all information\n given is current and accurate.", bg="white")


line1.grid(row=20, column=0,columnspan=4)

line2.grid(row=21, column=0,columnspan=4)

line3.grid(row=22, column=0,columnspan=4)

line4.grid(row=23, column=0,columnspan=4)

line5.grid(row=24, column=0,columnspan=4)

line6.grid(row=25, column=0,columnspan=4)

line7.grid(row=26, column=0,columnspan=4)


p1 = Label(window ,text = "Signature :  ").grid(row = 27,column = 0,sticky = "NSEW")

p1 = Label(window ,text = "Print Name: ").grid(row = 27,column = 2,sticky = "NSEW")

p1 = Label(window ,text = "Date :  ").grid(row = 28,column = 0,sticky = "NSEW")


a1 = Entry(window)
a1.grid(row = 0,column = 1)
b1 = Entry(window)
b1.grid(row = 1,column = 1)
```

```python
c1 = Entry(window)

c1.grid(row = 2,column = 1)

d1 = Entry(window)

d1.grid(row = 3,column = 1)

e1 = Entry(window)

e1.grid(row = 4,column = 1)

f1 = Entry(window)

f1.grid(row = 5,column = 1)

g1 = Entry(window)

g1.grid(row = 6,column = 1)

h1 = Entry(window)

h1.grid(row = 7,column = 1)

i1 = Entry(window)

i1.grid(row = 8,column = 1)

j1 = Entry(window)

j1.grid(row = 9,column = 1)

k1 = Entry(window)

k1.grid(row = 10,column = 1)

l1 = Entry(window)

l1.grid(row = 11,column = 1)

m1 = Entry(window)

m1.grid(row = 12,column = 1)

p101 = Entry(window)

p101.grid(row = 27,column = 1,sticky = "NSEW")

p102 = Entry(window)

p102.grid(row = 27,column = 3,sticky = "NSEW")

p103 = Entry(window)

p103.grid(row = 28,column = 1,sticky = "NSEW")


btn = Button(window ,text="SUBMIT",command = database,width=20).grid(row=30,column=2)
```

```
btn = Button(window,text="DISPLAY
RECORD(s)",command=display,width=20).grid(row=30,column=3)

window.mainloop()
```