NAME: YOHENBA KSHETRIMAYUM

REG NO: RA1911003010904

WEEK: 5

Experiment Number:5
DATE: 18/3/2021
Aim: To solve allotted week 5 python exercises

SET -3

Create a event driven on the same form which was created by you last week and also to store it in database using sqlite3

CODE:

```
import sqlite3
from tkinter import *
import tkinter as tk
from tkinter import messagebox
root = Tk()
root.title("SET 3")
def insert():
 d1 = e1.get()
d2 =e2.get()
d3 = e3.get()
d4 = e4.get()
d5 = e5.get()
d6 = e6.get()
d7 = e7.get()
d8 = e8.get()
d9 = e9.get()
d10=e10.get()
d11=e11.get()
d12=e12.get()
d13=e13.get()
d14=e14.get()
d15 = e15.get()
d16 = e16.get()
d17 = e17.get()
d18 = e18.get()
d19 = e19.get()
d20 = e20.get()
```

```
d21 =e21.get()
d22 = e22.get()
d23= e23.get()
d24=e24.get()
d25=e25.get()
d26=e26.get()
d27=e27.get()
conn = sqlite3.connect('register.db')
with conn:
cursor=conn.cursor()
cursor.execute('CREATE TABLE IF NOT EXISTS Comp (data1 TEXT,data2 TE
XT,data3 TEXT,data4 TEXT,data5 TEXT, data6 TEXT,data7 TEXT,data8 TEX
T,data9 TEXT,data10 TEXT,data11 TEXT, data12 TEXT, data13 TEXT,data1
4 TEXT,data15 TEXT,data16 TEXT,data17 TEXT, data18 TEXT, data19 TEXT
,data20 TEXT,data21 TEXT,data22 TEXT,data23 TEXT, data24 TEXT, data2
5 TEXT,data26 TEXT,data27 TEXT)')
cursor.execute('INSERT INTO Comp (data1, data2, data3, data4, data5,
 data6, data7 ,data8, data9, data10, data11, data12, data13, data14,
 data15, data16, data17, data18, data19, data20, data21, data22, dat
a23, data24, data25, data26, data27) VALUES(?,?,?,?,?,?,?,?,?,?,?,?,
?,?,?,?,?,?,?,?,?,?,?,?,?,?,?)',(d1,d2,d3,d4,d5,d6,d7,d8,d9,d10,d11,
d12,d13,d14,d15,d16,d17,d18,d19,d20,d21,d22,d23,d24,d25,d26,d27,))
conn.commit()
msg = messagebox.showinfo( "DB Demo","One Row Inserted")
def dele():
conn = sqlite3.connect('register.db')
with conn:
cursor=conn.cursor()
cursor.execute('DELETE FROM Comp')
msg = messagebox.showinfo( "Delete Record","All Row Deleted")
def disp():
conn = sqlite3.connect('register.db')
with conn:
cursor=conn.cursor()
my_w = tk.Tk()
my_w.geometry("400x250")
r_set=cursor.execute('''SELECT * from Comp ''');
i=0 # row value inside the loop
for Comp in r_set:
for j in range(len(Comp)):
e = Entry(my_w, width=10, fg='blue')
e.grid(row=i, column=j)
```

```
e.insert(END, Comp[j])
i=i+1
titleframe = Frame(root, bg ="gray80")
titleframe.grid(row=0, column=0, columnspan=7, sticky='ew')
titlelabel = Label(titleframe,text=" ",font=("Calibri Bold",15), bg
="gray80")
titlelabel.grid(row=0, column=3)
l651 = Label(root, text="REGISTRATION INFORMATION",font=("Calibri Bo
ld",15),bg="gray80")
l651.grid(row=0,column=0,columnspan=5)
l1 = Label(root,text="Registration Period: (check one)",height=3)
l1.grid(row=1,column=0)
C651 = Checkbutton( text = "One Year", width = 20)
C651.grid(row=1,column=1)
C2 = Checkbutton( text = "Two Years",width = 20)
C2.grid(row=1,column=2)
C3 = Checkbutton( text = "Three Years", width = 20)
C3.grid(row=1,column=3)
l2 = Label(root,text="Registration Type: (check one)")
l2.grid(row=2,column=0)
C4 = Checkbutton( text = "Original",width = 20)
C4.grid(row=2,column=1)
C5 = Checkbutton( text = "Renewal",width = 20)
C5.grid(row=2,column=2)
C6 = Checkbutton( text = "Private",width = 20)
C6.grid(row=2,column=3)
C7 = Checkbutton( text = "Reissue",width = 20)
C7.grid(row=2,column=4)
C8 = Checkbutton( text = "Reissue(Decals Only)",width = 20)
C8.grid(row=3,column=0)
C9 = Checkbutton( text = "Rental Vehicle",width = 20)
```

FOR SQLITE3

```
import sqlite3
my_conn = sqlite3.connect('register.db')
import tkinter as tk
from tkinter import *
my_w = tk.Tk()
my_w.geometry("1300x250")
r_set=my_conn.execute('''SELECT * from Comp ''');
```

```
i=0 # row value inside the loop
for Comp in r_set:
for j in range(len(Comp)):
e = Entry(my_w, width=10, fg='black')
e.grid(row=i, column=j)
e.insert(END, Comp[j])
i=i+1
my_w.mainloop()
```