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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 TEXT,data3 TEXT,data4 TEXT,data5 TEXT, data6 TEXT,data7 TEXT,data8 TEXT,data9 TEXT,data10 TEXT,data11 TEXT, data12 TEXT, data13 TEXT,data14 TEXT,data15 TEXT,data16 TEXT,data17 TEXT, data18 TEXT, data19 TEXT ,data20 TEXT,data21 TEXT,data22 TEXT,data23 TEXT, data24 TEXT, data25 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, data23, 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()

```

SET 3

REGISTRATION INFORMATION

Registration Period: (check one) ☐ One Year ☐ Two Years ☐ Three Years

Registration Type: (check one) ☐ Original ☐ Renewal ☐ Private ☐ Reissue

☐ Reissue/Decals Only ☐ Rental Vehicle ☐ Transfer License Plate number

☐ For Hire (Complete for Hire section) ☐ Ridesharing (Carpool) (Passengers cannot exceed 15 including driver)

☐ Amateur Radio operator Call letters:

☐ Other

OWNER INFORMATION

Owner/ full legal name or business name

Co-owner's full legal name or business name

NOTE: Owners MUST provide for residence/home/business address where requested.

Owners' Home/Business Address

Co-Owners' Home/Business Address

Owners' Email Address

Telephone number

DMV customer number

Residence/Business Jurisdiction

State

Co-owners' Email Address

Zip Code

ADDITIONAL INFORMATION

Location where Vehicle is garaged

If new location enter date changed

Are any of the owners on active military duty ☐ Yes ☐ No

Registration mailing Address

If You would like your registration renewals to be sent to an address other than given

State

Zip Code

localhost:8888/notebooks/Untitled1.ipynb?kernel_name=python3

jupyter Untitled1 Last Checkpoint: 10 minutes ago (unsaved changes)

File Edit View Insert Cell Kernel Widgets Help

Python 3

```

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```

In []: