**18CSC207J-Advance Programming Practice - Structured Programming –
Lab Programs**

Lab 4 Event Driven programming paradigm

Name :- Puneet Sharma
Reg. No. :- RA1911003010331
Class :-CSE F1

<u>SET-3</u>

CODE→

```
from tkinter import *
from tkinter import messagebox
root= Tk()
root.title('FORM')
root.geometry("1000x1000")
Frame1 = Frame(root, width=1000, height=33, bg='light
grey',highlightbackground="black",highlightthickness=1)
Frame1.pack(side='top', padx=0, pady=0)
L1 = Label(Frame1, text="REGISTRATION INFORMATION",font=("Arial", 15),bg="light grey")
L1.place(x = 370, y = 0)
Frame2 = Frame(root, width=1000, height=180,
bg='white',highlightbackground="black",highlightthickness=1)
Frame2.pack(side='top', padx=0, pady=0)
L2 = Label(root, text="Registration Period:(check one) ",font=("Arial",10))
L2.place(x=10,y=40)
cb1=Checkbutton(root,text='One Year',onvalue=1, offvalue=0)
cb1.place(x=200,y=40)
cb2=Checkbutton(root,text='Two Years(52 discount applies)',onvalue=1, offvalue=0)
cb2.place(x=300,y=40)
cb3=Checkbutton(root,text='Three Years(53 discount applies',onvalue=1, offvalue=0)
cb3.place(x=500,y=40)
L3 = Label(root, text="(not available for vehicles subject to emissions testing)")
L3.place(x=500,y=60)
L4 = Label(root, text="Registration Type:(check one) ",font=("Arial",10))
L4.place(x=10,y=80)
cb4=Checkbutton(root,text='Original',onvalue=1, offvalue=0)
cb4.place(x=200,y=80)
cb5=Checkbutton(root,text='Renewal',onvalue=1, offvalue=0)
cb5.place(x=330,y=80)
cb6=Checkbutton(root,text='Private',onvalue=1, offvalue=0)
cb6.place(x=420,y=80)
cb7=Checkbutton(root,text='Reissue(Plates & Decats)',onvalue=1, offvalue=0)
```

```python
cb7.place(x=560,y=80)
L5 = Label(root, text="See Ressue Plates below under Plate Information")
L5.place(x=560,y=100)
cb8=Checkbutton(root,text='Reissue (Decals Only)',onvalue=1, offvalue=0)
cb8.place(x=10,y=120)
cb9=Checkbutton(root,text='Rental Vehicle',onvalue=1, offvalue=0)
cb9.place(x=200,y=120)
cb10=Checkbutton(root,text='Transfer Licence Plate Number:',onvalue=1, offvalue=0)
cb10.place(x=330,y=120)
E1 = Entry(root, bd =2)
E1.place(x=520,y=120)
cb11=Checkbutton(root,text='For Hire (complete "For Hire Information"
section)',onvalue=1, offvalue=0)
cb11.place(x=10,y=150)
cb12=Checkbutton(root,text='Ridesharing (Varpol) (Cannot exceed 16 passengers including
driver.)',onvalue=1, offvalue=0)
cb12.place(x=330,y=150)
cb13=Checkbutton(root,text='Seating Capacity',onvalue=1, offvalue=0)
cb13.place(x=720,y=150)
E2 = Entry(root, bd =2)
E2.place(x=850,y=150)
cb14=Checkbutton(root,text='Amateur Radio Operator Call Letters- Specify
letters',onvalue=1, offvalue=0)
cb14.place(x=10,y=180)
E3 = Entry(root, bd =2)
E3.place(x=320,y=180)
cb15=Checkbutton(root,text='Other:',onvalue=1, offvalue=0)
cb15.place(x=560,y=180)
E4 = Entry(root, bd =2)
E4.place(x=620,y=180)

Frame3 = Frame(root, width=1000, height=33, bg='light
grey',highlightbackground="black",highlightthickness=1)
Frame3.pack(side='top', padx=0, pady=0)
L6 = Label(root, text="OWNER INFORMATION",font=("Arial", 15),bg="light grey")
L6.place(x = 390, y = 215)

c1 = tkinter.Canvas(root, bg="white", height=550, width=1000)
L7 = Label(root, text="OWNER'S FULL LEGAL NAME(last,first,int,suffix) OR BUSINESS NAME
(if business owned)")
L7.place(x=10,y=250)
E5 = Entry(root, bd =2,width="70")
E5.place(x=10,y=275)
L8 = Label(root, text="TELEPHONE NUMBER")
L8.place(x=505,y=250)
E6 = Entry(root, bd =2,width="20")
E6.place(x=505,y=275)
```

```
L9 = Label(root, text="DMV CUSTOMER NUMBER/FEIN/SSN")
L9.place(x=705,y=250)
E7 = Entry(root, bd =2,width="30")
E7.place(x=705,y=275)
c1.create_rectangle(2, 0, 500, 55,outline="black")
c1.create_rectangle(500, 0, 700, 55,outline="black")
c1.create_rectangle(700, 0, 997, 55,outline="black")

L10 = Label(root, text="CO-OWNER'S FULL LEGAL NAME(last,first,int,suffix)")
L10.place(x=10,y=310)
E8 = Entry(root, bd =2,width="70")
E8.place(x=10,y=335)
L11 = Label(root, text="TELEPHONE NUMBER")
L11.place(x=505,y=310)
E9 = Entry(root, bd =2,width="20")
E9.place(x=505,y=335)
L12 = Label(root, text="DMV CUSTOMER NUMBER/FEIN/SSN")
L12.place(x=705,y=310)
E10 = Entry(root, bd =2,width="30")
E10.place(x=705,y=335)
c1.create_rectangle(2, 120, 500, 55,outline="black")
c1.create_rectangle(500, 120, 700, 55,outline="black")
c1.create_rectangle(700, 120, 997, 55,outline="black")

L13 = Label(root, text="NOTE: Owners(and lessees if applicable) MUST provide their
residence/home/business address where requested, this address\n can not be a P.O. Box.
You must complate form ISD-01 if you would like your address(es) updated")
L13.place(x=10,y=380)
L14 = Label(root, text="RESIDENCE/BUSINESS JURISDICTION")
L14.place(x=705,y=380)
E11 = Entry(root, bd =2,width="20")
E11.place(x=705,y=405)
c1.create_rectangle(2, 185, 700, 55,outline="black")
c1.create_rectangle(700, 185, 997, 55,outline="black")

L15 = Label(root, text="OWNER'S RESIDENCE/HOME/BUSINESS ADDRESS (Apt # if
applicable)")
L15.place(x=10,y=440)
E12 = Entry(root, bd =2,width="50")
E12.place(x=10,y=465)
L16 = Label(root, text="QTY")
L16.place(x=415,y=440)
E13 = Entry(root, bd =2,width="50")
E13.place(x=415,y=465)
L17 = Label(root, text="STATE")
L17.place(x=805,y=440)
E14 = Entry(root, bd =2,width="10")
```

```python
E14.place(x=805,y=465)
L18 = Label(root, text="ZIP CODE")
L18.place(x=890,y=440)
E15 = Entry(root, bd =2,width="15")
E15.place(x=890,y=465)
c1.create_rectangle(2, 250, 410, 185,outline="black")
c1.create_rectangle(410, 250, 800, 185,outline="black")
c1.create_rectangle(800, 250, 880, 185,outline="black")
c1.create_rectangle(880, 250, 997, 185,outline="black")

L19 = Label(root, text="CO-OWNER'S RESIDENCE/HOME/BUSINESS ADDRESS (Apt # if
applicable)")
L19.place(x=10,y=505)
E16 = Entry(root, bd =2,width="50")
E16.place(x=10,y=530)
L20 = Label(root, text="QTY")
L20.place(x=415,y=505)
E17 = Entry(root, bd =2,width="50")
E17.place(x=415,y=530)
L21 = Label(root, text="STATE")
L21.place(x=805,y=505)
E18 = Entry(root, bd =2,width="10")
E18.place(x=805,y=530)
L22 = Label(root, text="ZIP CODE")
L22.place(x=890,y=505)
E19 = Entry(root, bd =2,width="15")
E19.place(x=890,y=530)
c1.create_rectangle(2, 310, 410, 250,outline="black")
c1.create_rectangle(410, 310, 800, 250,outline="black")
c1.create_rectangle(800, 310, 880, 250,outline="black")
c1.create_rectangle(880, 310, 997, 250,outline="black")

L23= Label(root, text="OWNER EMAIL ADDRESS")
L23.place(x=10,y=565)
E20= Entry(root, bd =2,width="50")
E20.place(x=10,y=590)
L24 = Label(root, text="CO-OWNER EMAIL ADDRESS")
L24.place(x=505,y=565)
E21 = Entry(root, bd =2,width="50")
E21.place(x=505,y=590)
c1.create_rectangle(2, 370, 500, 310,outline="black")
c1.create_rectangle(500, 370, 1000, 310,outline="black")

L25 = Label(root, text="ADDITIONAL INFORMATION",font=("Arial", 15),bg="light grey")
L25.place(x = 370, y = 617)
c1.create_rectangle(2, 400, 1000, 370,outline="black",fill="light grey")
```

```
L26 = Label(root, text="LOCATION WHERE VEHICLE IS PRINCIPALLY GARAGED")
L26.place(x=10,y=650)
cb16=Checkbutton(root,text='CITY',onvalue=1, offvalue=0)
cb16.place(x=10,y=670)
cb17=Checkbutton(root,text='COUNTRY',onvalue=1, offvalue=0)
cb17.place(x=60,y=670)
cb18=Checkbutton(root,text='TOWN OF',onvalue=1, offvalue=0)
cb18.place(x=140,y=670)
E22 = Entry(root, bd =2,width="20")
E22.place(x=220,y=670)
L27 = Label(root, text="IF NEW LOCATION ENTER DATE CHANGED")
L27.place(x=405,y=650)
E23 = Entry(root, bd =2,width="40")
E23.place(x=405,y=670)
L28 = Label(root, text="Are any of the owners lessees on active\nmiltary duty or service?")
L28.place(x=675,y=650)
cb19=Checkbutton(root,text='YES',onvalue=1, offvalue=0)
cb19.place(x=890,y=660)
cb20=Checkbutton(root,text='NO',onvalue=1, offvalue=0)
cb20.place(x=950,y=660)
c1.create_rectangle(2, 450, 400, 400,outline="black")
c1.create_rectangle(400, 450,670, 400,outline="black")
c1.create_rectangle(670, 450, 997, 400,outline="black")

L29 = Label(root, text="IF YOU WOULD LIKE YOUR RESISTRATION RENEWALS SENT TO AN
ADDRESS OTHER THAN YOUR RESIDENCE/BUSINESS ADDESSS ENTER IT BELOW")
L29.place(x=10,y=700)
c1.create_rectangle(2, 480, 997, 450,outline="black")

L30 = Label(root, text="REGISTRATION MAILING ADDRESS-OPTIONAL")
L30.place(x=10,y=730)
E24 = Entry(root, bd =2,width="50")
E24.place(x=10,y=755)
L31 = Label(root, text="QTY")
L31.place(x=415,y=730)
E25 = Entry(root, bd =2,width="50")
E25.place(x=415,y=755)
L32 = Label(root, text="STATE")
L32.place(x=805,y=730)
E26 = Entry(root, bd =2,width="10")
E26.place(x=805,y=755)
L33 = Label(root, text="ZIP CODE")
L33.place(x=890,y=730)
E27= Entry(root, bd =2,width="15")
E27.place(x=890,y=755)
c1.create_rectangle(2, 540, 410, 480,outline="black")
c1.create_rectangle(410, 540, 800, 480,outline="black")
```

```
c1.create_rectangle(800, 540, 880, 480,outline="black")
c1.create_rectangle(880, 540, 997, 480,outline="black")

c1.pack()
root.mainloop()
```

SCREENSHOT OF OUTPUT →