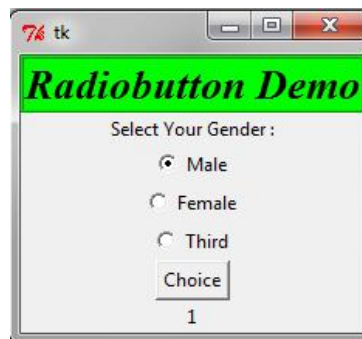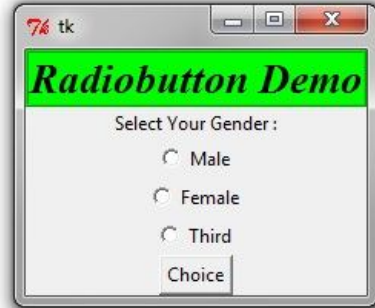# Lab 7

Example: 1

```
from Tkinter import *
root=Tk()
Label(root,text='Radiobutton Demo',relief='ridge',font='times 20 bold italic',bg='green').pack()
Label(root,text='Select Your Gender :').pack()
v1=IntVar()
r=Radiobutton(root,text='Male',variable=v1,value=1)
r.pack()
r1=Radiobutton(root,text='Female',variable=v1,value=2)
r1.pack()
r2=Radiobutton(root,text='Third',variable=v1,value=3)
r2.pack()
def choice():
    Label(root,text=v1.get()).pack()
Button(root,text='Choice',command=choice).pack()

mainloop()
```
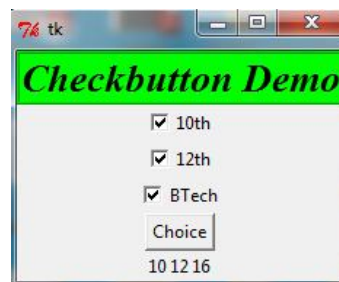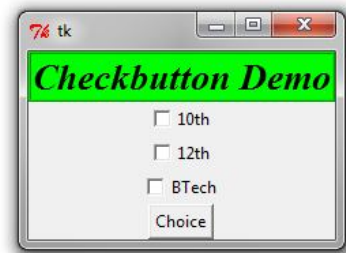
Example:2

```
from Tkinter import *
root=Tk()
Label(root,text='Checkbutton Demo',relief='ridge',font='times 20 bold italic',bg='green').pack()
v2=IntVar()
v3=IntVar()
v4=IntVar()
Checkbutton(root,text='10th',variable=v2, onvalue=10).pack()
Checkbutton(root,text='12th',variable=v3, onvalue=12).pack()
Checkbutton(root,text='BTech',variable=v4, onvalue=16).pack()
def cchoice():
    Label(root,text=str(v2.get())+' '+str(v3.get())+' '+str(v4.get())).pack()
Button(root,text='Choice',command=cchoice).pack()

mainloop()
```

Exercises

1. Write a GUI program to receive temperature (in Celsius) as user input in a entry convert and print the temperature in Fahrenheit.
2. Write a program to receive a number in entry and print Prime if the number is prime number otherwise Not Prime.
3. Create two radio buttons to receive gender of the user, and display the selection on click of button 'Gender'.
4. Create three check buttons to receive your favourite colours among red /green /yellow/purple, and display the selected choice(s).
5. Write a python script to take Personal Details of a user. When user clicks on "See Details" it displays details as shown in figures below.