

## APP-Lab test

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1)
from tkinter import *
from tkinter import messagebox
top = Tk()
top.title("Customer Phone Survey")
l1 = Label(top, text="Name of your phone")
l1.grid(row = 1, column = 1)
e1 = Entry(top, bd =5)
e1.grid(row = 1, column = 2)

l2 = Label(top, text="Model name of the phone")
l2.grid(row = 3, column = 1)
e2 = Entry(top, bd =5)
e2.grid(row = 3, column = 2)

l3 = Label(top, text="How much will you rate the phone")
l3.grid(row = 5, column = 1)
radio=IntVar()
v = ['5-Star', '1-Star', '2-Star', '3-Star']
def choice():
    if(radio.get()==1):
        msg = messagebox.showinfo( "GUI Event ",v[0])
    elif(radio.get()==2):
        msg = messagebox.showinfo( "GUI Event",v[3])
    elif(radio.get()==3):
        msg = messagebox.showinfo( "GUI Event",v[2])
    elif(radio.get()==4):
        msg = messagebox.showinfo( "GUI Event",v[1])

rbt1=Radiobutton(top,text='5-Star', variable=radio,value=1, command=choice)
rbt1.grid(row=5,column = 2)
rbt2=Radiobutton(top,text='3-Star', variable=radio,value=2, command=choice)
rbt2.grid(row=5,column = 3)
rbt3=Radiobutton(top,text='2-Star', variable=radio,value=3, command=choice)
rbt3.grid(row=5,column = 4)
rbt4=Radiobutton(top,text='1-Star', variable=radio,value=3, command=choice)
rbt4.grid(row=5,column = 5)

l4 = Label(top, text="Tell us about the experience with the phone")
l4.grid(row = 7, column = 1)
radio=IntVar()
v = ['good', 'bad ', 'worst', 'average']
def choice():
    if(radio.get()==1):
        msg = messagebox.showinfo( "GUI Event ",v[0])
    elif(radio.get()==2):
        msg = messagebox.showinfo( "GUI Event",v[1])
    elif(radio.get()==3):
        msg = messagebox.showinfo( "GUI Event",v[2])
    elif(radio.get()==4):
        msg = messagebox.showinfo( "GUI Event",v[3])
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rbt1=Radiobutton(top,text='good', variable=radio,value=1, command=choice)
rbt1.grid(row=7,column = 2)
rbt2=Radiobutton(top,text='bad', variable=radio,value=2, command=choice)
rbt2.grid(row=7,column = 3)
rbt3=Radiobutton(top,text='worst', variable=radio,value=3, command=choice)
rbt3.grid(row=7,column = 4)
rbt4=Radiobutton(top,text='average', variable=radio,value=3, command=choice)
rbt4.grid(row=7,column = 5)

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l5 = Label(top, text="Will you continue with this phone company in the future")
l5.grid(row = 9, column = 1)

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radio=IntVar()

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v = ['Yes','No','Depends on the future models','Not decided yet']

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def choice():
    if(radio.get()==1):
        msg = messagebox.showinfo( "GUI Event ",v[0])
    elif(radio.get()==2):
        msg = messagebox.showinfo( "GUI Event",v[1])
    elif(radio.get()==3):
        msg = messagebox.showinfo( "GUI Event",v[2])
    elif(radio.get()==4):
        msg = messagebox.showinfo( "GUI Event",v[3])

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rbt1=Radiobutton(top,text='Yes', variable=radio,value=1, command=choice)
rbt1.grid(row=9,column = 2)
rbt2=Radiobutton(top,text='No', variable=radio,value=2, command=choice)
rbt2.grid(row=9,column = 3)
rbt3=Radiobutton(top,text='Depends on the future models', variable=radio,value=3,
command=choice)
rbt3.grid(row=9,column = 4)
rbt4=Radiobutton(top,text='Not decided yet', variable=radio,value=3, command=choice)
rbt4.grid(row=9,column = 5)

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def reset():
    E1.delete(0,END)
    E2.delete(0,END)

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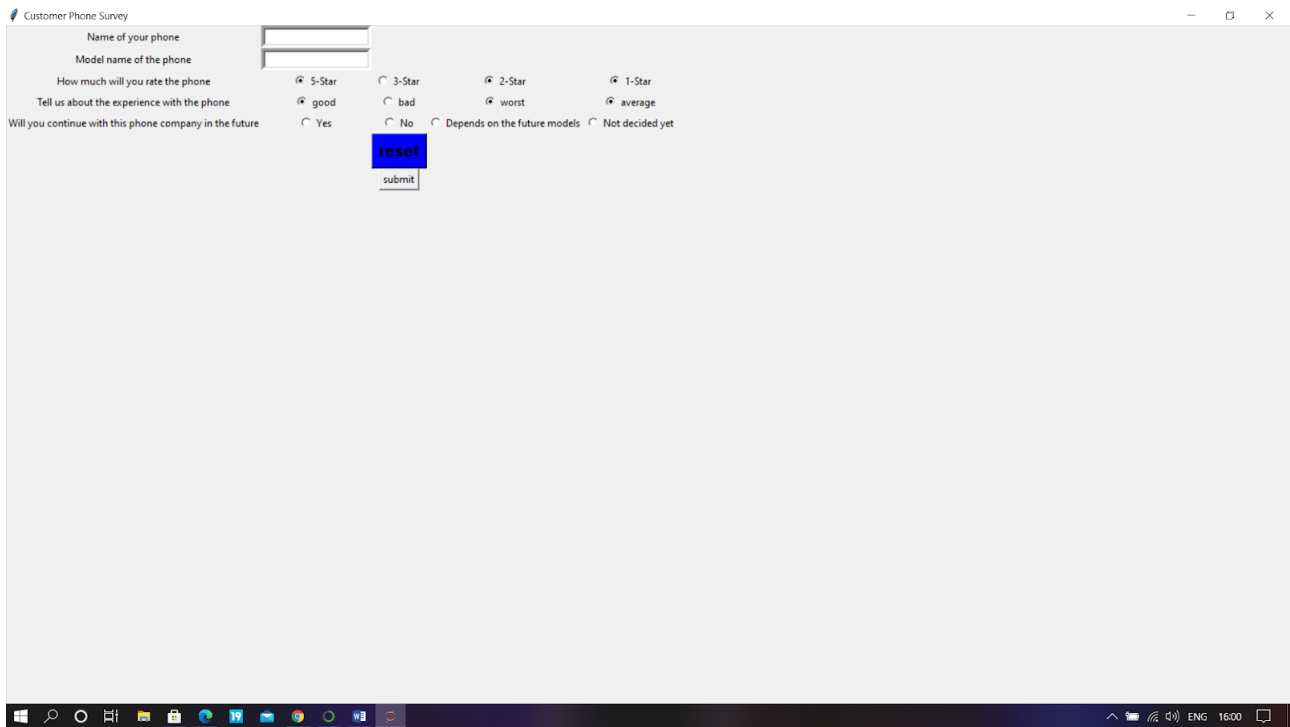
btn1 = Button(top,text="reset",font=("Arial Bold",15),fg="black",bg="blue",command =
reset).grid(row=15,column = 3)
btn2 = Button(top,text="submit",command = quit)
btn2.grid(row=16,column = 3)

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top.mainloop()

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2)

```
import tkinter as tk
from tkinter import messagebox
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```
root = tk.Tk()
root.geometry("500x500")
f=tk.Label(text='SRM
UNIVERSITY',font=("bold",19),width=30,bg='blue',fg='white').place(x=165,y=0)
d1 = ["Department is CSE", "Strength: 150 Students"]
d2 = ["Department is ECE", "Strength: 90 Students"]
d3 = ["Department is Mechanical", "Strength: 95 Students"]
d4 = ["Department is Chemical", "Strength: 15 Students"]
d5 = ["Department is Aeronautics", "Strength: 70 Students"]
d6 = ["Department is Law", "Strength: 50 Students"]
d7 = ["Department is MBA", "Strength: 68 Students"]
d8 = ["Department is Bio Chemistry", "Strength: 25 Students"]
d9 = ["Department is Dental", "Strength: 80 Students"]
root.config(bg='blue')
x = 0
```

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dep_var = tk.StringVar()
information = tk.StringVar()
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def submit():
    department=dep_var.get()
    if department == "CSE":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d1)

    elif department == "ECE":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d2)
    elif department == "Mechanical":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
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        information.set(d3)
    elif department == "Chemical":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d4)
    elif department == "Aeronautical":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d5)
    elif department == "Law":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d6)
    elif department == "MBA":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d7)
    elif department == "Bio Chemistry":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d8)
    elif department == "Dental":
        info = tk.Label(root ,textvariable = information,font=('calibre',10, 'bold')).place(x=50,y=250)
        information.set(d9)
    else:
        info = tk.Label(root ,text = "Please Enter Valid Department",font=('calibre',10,
'bold')).place(x=50,y=250)

```

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def setFlag():
    user_name = tk.Label(root, text = "Welcome to SRM University").place(x = 50,y = 100)
    x = 1

    if x==1:
        dep_label = tk.Label(root, text = 'Department:', font=('calibre',10, 'bold')).place(x=50,y=150)
        dep_entry = tk.Entry(root,textvariable = dep_var)
        dep_entry.place(x=150,y=150)
        sub_btn=tk.Button(root,text = 'Submit', command = submit).place(x=50,y=200)

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b = tk.Button(root, text="Let's Get Started",command=setFlag)
b.place(x=50,y=50)

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root.mainloop()

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tk

# SRM UNIVERSITY

Let's Get Started

Welcome to SRM University

**Department:** CSE

Submit

**{Department is CSE} {Strength: 150 Students}**