NAME: YOHENBA KSHETRIMAYUM

REG NO: RA1911003010904

WEEK: 4

Experiment Number:4
DATE: 03/3/2021
Aim: To solve allotted week 4 python exercises

SET -1

Design a registration form using tkinter

```
from tkinter import tk
root=tk.Tk()
root.geometry('870x800')
root.configure(background="SlateBlue2")
root.title('Student Registration Form')
l1=tk.Label(root,text="  First Name",bg='SlateBlue2',fg='white',widt
h=20,anchor=tk.W)
l1.grid(row=0,column=0)
t=tk.Entry(root,width=27)
t.grid(row=0,column=1,pady=10)
q1=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q1.grid(row=0,column=2)
l2=tk.Label(root,text="  Last Name",bg='SlateBlue2',fg='white',width
=20,anchor=tk.W)
l2.grid(row=1,column=0)
t1=tk.Entry(root,width=27)
t1.grid(row=1,column=1,pady=10)
q2=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q2.grid(row=1,column=2)

l4=tk.Label(root,text="  Date Of Birth",bg='SlateBlue2',fg='white',w
idth=20,anchor=tk.W)
l4.grid(row=2,column=0)

n= tk.StringVar()
j=ttk.Combobox(root, width = 5,text="Month",textvariable = n )
```

```
j['values'] = (' January',  ' February', ' March', ' April', ' May',
 ' June', ' July', ' August', ' September', ' October', ' November',
 ' December')
j.grid(row=2,column=1,sticky=tk.W,pady=10)
n1= tk.StringVar()
j1=ttk.Combobox(root, width = 3,text="Day",textvariable = n1)
j1['values'] = (1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,2
1,22,23,24,25,26,27,28,29,30,31)
j1.grid(row=2,column=1,pady=10)
n2= tk.StringVar()
j2=ttk.Combobox(root, width = 5,text="Year",textvariable = n2)
j2['values'] = (1990,1991,1992,1993,1994,1995,1996,1997,1998,1999,20
00,2001,2002,2003,2004,2005,2006,2007,2008,2009)
j2.grid(row=2,column=1,sticky=tk.E,pady=10)

l3=tk.Label(root,text="  Email ID",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l3.grid(row=3,column=0)
t2=tk.Entry(root,width=27)
t2.grid(row=3,column=1,pady=10)

l5=tk.Label(root,text="  Mobile Number",bg='SlateBlue2',fg='white',w
idth=20,anchor=tk.W)
l5.grid(row=4,column=0)
t3=tk.Entry(root,width=27)
t3.grid(row=4,column=1,pady=10)
q3=tk.Label(root,text="(10 digit number)",bg='SlateBlue2',fg='white'
)
q3.grid(row=4,column=2,sticky=tk.W)

l6=tk.Label(root,text="  Gender",bg='SlateBlue2',fg='white',width=20
,anchor=tk.W)
l6.grid(row=5,column=0)
rb=tk.Radiobutton(root,text='Male',value=1,bg="SlateBlue2",fg='white
',width=20,anchor=tk.W)
rb.grid(row=5,column=1,pady=10)
rb1=tk.Radiobutton(root,text='Female',value=2,bg="SlateBlue2",fg='wh
ite',width=20,anchor=tk.W)
rb1.grid(row=5,column=2,pady=10)

l7=tk.Label(root,text='  Address',bg='SlateBlue2',fg='white',width=2
0,anchor=tk.W)
```

```
l7.grid(row=7,column=0)
t4=tk.Text(root,height=5, width=30)
t4.grid(row=7,column=1,columnspan=2,sticky=tk.W,pady=10)

l8=tk.Label(root,text='  City',bg='SlateBlue2',fg='white',width=20,a
nchor=tk.W)
l8.grid(row=8,column=0)
t5=tk.Entry(root,width=27)
t5.grid(row=8,column=1,pady=10)
q4=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q4.grid(row=8,column=2)

l9=tk.Label(root,text="  PIN Code",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l9.grid(row=9,column=0)
t6=tk.Entry(root,width=27)
t6.grid(row=9,column=1,pady=10)
q5=tk.Label(root,text="(6 digit number)",bg='SlateBlue2',fg='white')
q5.grid(row=9,column=2,sticky=tk.W)


l10=tk.Label(root,text="  State",bg='SlateBlue2',fg='white',width=20
,anchor=tk.W)
l10.grid(row=10,column=0)
t7=tk.Entry(root,width=27)
t7.grid(row=10,column=1,pady=10)
q6=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q6.grid(row=10,column=2)


l11=tk.Label(root,text="  Country",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l11.grid(row=11,column=0)
t8=tk.Entry(root,width=27)
t8.grid(row=11,column=1,pady=10)



l12=tk.Label(root,text="  Hobbies",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l12.grid(row=12,column=0)
```

```
cb1=tk.Checkbutton(root,text="Drawing",bg='SlateBlue2')
cb1.grid(row=12,column=1,sticky=tk.W,pady=1)
cb2=tk.Checkbutton(root,text="Singing",bg='SlateBlue2')
cb2.grid(row=12,column=1,sticky=tk.E,pady=1)
cb3=tk.Checkbutton(root,text="Dancing",bg='SlateBlue2')
cb3.grid(row=12,column=2,sticky=tk.W,pady=1)
cb4=tk.Checkbutton(root,text="Sketching",bg='SlateBlue2')
cb4.grid(row=12,column=2,sticky=tk.E,pady=1)
cb5=tk.Checkbutton(root,text="Other",bg='SlateBlue2')
cb5.grid(row=13,column=1,sticky=tk.W,pady=10)
t9=tk.Entry(root,width=27)
t9.grid(row=13,column=1,columnspan=2,pady=10)



l13=tk.Label(root,text="  Qualification",bg='SlateBlue2',fg='white',
width=20,anchor=tk.W)
l13.grid(row=14,column=0)
l14=tk.Label(root,text="Sl.No.Examination",bg='SlateBlue2',fg='white
',width=20,anchor=tk.W)
l14.grid(row=14,column=1)
l15=tk.Label(root,text="Board",bg='SlateBlue2',fg='white',width=20,a
nchor=tk.W)
l15.grid(row=14,column=2)
l16=tk.Label(root,text="Percentage",bg='SlateBlue2',fg='white',width
=20,anchor=tk.W)
l16.grid(row=14,column=3)
l17=tk.Label(root,text="Year of Passing",bg='SlateBlue2',fg='white',
width=20,anchor=tk.W)
l17.grid(row=14,column=4)


l18=tk.Label(root,text="1     Class X",bg='SlateBlue2',fg='white',wi
dth=20,anchor=tk.W)
l18.grid(row=15,column=1)
l19=tk.Label(root,text="2     Class X11",bg='SlateBlue2',fg='white',
width=20,anchor=tk.W)
l19.grid(row=16,column=1)
l20=tk.Label(root,text="3     Graduation",bg='SlateBlue2',fg='white'
,width=20,anchor=tk.W)
l20.grid(row=17,column=1)
```

```
l21=tk.Label(root,text="4     Masters",bg='SlateBlue2',fg='white',wi
dth=20,anchor=tk.W)
l21.grid(row=18,column=1)
t10=tk.Entry(root,width=27)
t10.grid(row=15,column=2,pady=6)
t11=tk.Entry(root,width=27)
t11.grid(row=15,column=3,pady=6)
t12=tk.Entry(root,width=27)
t12.grid(row=15,column=4,pady=6)

t13=tk.Entry(root,width=27)
t13.grid(row=16,column=2,pady=6)
t14=tk.Entry(root,width=27)
t14.grid(row=16,column=3,pady=6)
t15=tk.Entry(root,width=27)
t15.grid(row=16,column=4,pady=6)

t16=tk.Entry(root,width=27)
t16.grid(row=17,column=2,pady=6)
t17=tk.Entry(root,width=27)
t17.grid(row=17,column=3,pady=6)
t18=tk.Entry(root,width=27)
t18.grid(row=17,column=4,pady=6)

t19=tk.Entry(root,width=27)
t19.grid(row=18,column=2,pady=6)
t20=tk.Entry(root,width=27)
t20.grid(row=18,column=3,pady=6)
t21=tk.Entry(root,width=27)
t21.grid(row=18,column=4,pady=6)



l22=tk.Label(root,text="  Courses Applied For",bg='SlateBlue2',fg='w
hite',width=20,anchor=tk.W)
l22.grid(row=19,column=0)
cb1=tk.Radiobutton(root,text="BCA",bg='SlateBlue2')
cb1.grid(row=19,column=1,sticky=tk.W,pady=6)
cb2=tk.Radiobutton(root,text="B.Com",bg='SlateBlue2')
cb2.grid(row=19,column=1,pady=6)
cb3=tk.Radiobutton(root,text="B.Sc",bg='SlateBlue2')
cb3.grid(row=19,column=2,sticky=tk.W,pady=6)
```

```
cb4=tk.Radiobutton(root,text="B.A",bg='SlateBlue2')
cb4.grid(row=19,column=2,pady=6)



button=tk.Button(root,text='Submit',command=root.destroy)
button.grid(row=20,column=2)
root.mainloop()
from tkinter import ttk
root=tk.Tk()
root.geometry('870x800')
root.configure(background="SlateBlue2")
root.title('Student Registration Form')
l1=tk.Label(root,text="  First Name",bg='SlateBlue2',fg='white',widt
h=20,anchor=tk.W)
l1.grid(row=0,column=0)
t=tk.Entry(root,width=27)
t.grid(row=0,column=1,pady=10)
q1=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q1.grid(row=0,column=2)
l2=tk.Label(root,text="  Last Name",bg='SlateBlue2',fg='white',width
=20,anchor=tk.W)
l2.grid(row=1,column=0)
t1=tk.Entry(root,width=27)
t1.grid(row=1,column=1,pady=10)
q2=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q2.grid(row=1,column=2)

l4=tk.Label(root,text="  Date Of Birth",bg='SlateBlue2',fg='white',w
idth=20,anchor=tk.W)
l4.grid(row=2,column=0)

n= tk.StringVar()
j=ttk.Combobox(root, width = 5,text="Month",textvariable = n )
j['values'] = (' January',  ' February', ' March', ' April', ' May',
 ' June', ' July', ' August', ' September', ' October', ' November',
 ' December')
j.grid(row=2,column=1,sticky=tk.W,pady=10)
n1= tk.StringVar()
```

```
j1=ttk.Combobox(root, width = 3,text="Day",textvariable = n1)
j1['values'] = (1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,2
1,22,23,24,25,26,27,28,29,30,31)
j1.grid(row=2,column=1,pady=10)
n2= tk.StringVar()
j2=ttk.Combobox(root, width = 5,text="Year",textvariable = n2)
j2['values'] = (1990,1991,1992,1993,1994,1995,1996,1997,1998,1999,20
00,2001,2002,2003,2004,2005,2006,2007,2008,2009)
j2.grid(row=2,column=1,sticky=tk.E,pady=10)

l3=tk.Label(root,text="  Email ID",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l3.grid(row=3,column=0)
t2=tk.Entry(root,width=27)
t2.grid(row=3,column=1,pady=10)

l5=tk.Label(root,text="  Mobile Number",bg='SlateBlue2',fg='white',w
idth=20,anchor=tk.W)
l5.grid(row=4,column=0)
t3=tk.Entry(root,width=27)
t3.grid(row=4,column=1,pady=10)
q3=tk.Label(root,text="(10 digit number)",bg='SlateBlue2',fg='white'
)
q3.grid(row=4,column=2,sticky=tk.W)

l6=tk.Label(root,text="  Gender",bg='SlateBlue2',fg='white',width=20
,anchor=tk.W)
l6.grid(row=5,column=0)
rb=tk.Radiobutton(root,text='Male',value=1,bg="SlateBlue2",fg='white
',width=20,anchor=tk.W)
rb.grid(row=5,column=1,pady=10)
rb1=tk.Radiobutton(root,text='Female',value=2,bg="SlateBlue2",fg='wh
ite',width=20,anchor=tk.W)
rb1.grid(row=5,column=2,pady=10)

l7=tk.Label(root,text='  Address',bg='SlateBlue2',fg='white',width=2
0,anchor=tk.W)
l7.grid(row=7,column=0)
t4=tk.Text(root,height=5, width=30)
t4.grid(row=7,column=1,columnspan=2,sticky=tk.W,pady=10)
```

```
l8=tk.Label(root,text='  City',bg='SlateBlue2',fg='white',width=20,a
nchor=tk.W)
l8.grid(row=8,column=0)
t5=tk.Entry(root,width=27)
t5.grid(row=8,column=1,pady=10)
q4=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q4.grid(row=8,column=2)

l9=tk.Label(root,text="  PIN Code",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l9.grid(row=9,column=0)
t6=tk.Entry(root,width=27)
t6.grid(row=9,column=1,pady=10)
q5=tk.Label(root,text="(6 digit number)",bg='SlateBlue2',fg='white')
q5.grid(row=9,column=2,sticky=tk.W)


l10=tk.Label(root,text="  State",bg='SlateBlue2',fg='white',width=20
,anchor=tk.W)
l10.grid(row=10,column=0)
t7=tk.Entry(root,width=27)
t7.grid(row=10,column=1,pady=10)
q6=tk.Label(root,text="(max 30 characters a-z and A-
z)",bg='SlateBlue2',fg='white')
q6.grid(row=10,column=2)


l11=tk.Label(root,text="  Country",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l11.grid(row=11,column=0)
t8=tk.Entry(root,width=27)
t8.grid(row=11,column=1,pady=10)



l12=tk.Label(root,text="  Hobbies",bg='SlateBlue2',fg='white',width=
20,anchor=tk.W)
l12.grid(row=12,column=0)
cb1=tk.Checkbutton(root,text="Drawing",bg='SlateBlue2')
cb1.grid(row=12,column=1,sticky=tk.W,pady=1)
cb2=tk.Checkbutton(root,text="Singing",bg='SlateBlue2')
cb2.grid(row=12,column=1,sticky=tk.E,pady=1)
```

```
cb3=tk.Checkbutton(root,text="Dancing",bg='SlateBlue2')
cb3.grid(row=12,column=2,sticky=tk.W,pady=1)
cb4=tk.Checkbutton(root,text="Sketching",bg='SlateBlue2')
cb4.grid(row=12,column=2,sticky=tk.E,pady=1)
cb5=tk.Checkbutton(root,text="Other",bg='SlateBlue2')
cb5.grid(row=13,column=1,sticky=tk.W,pady=10)
t9=tk.Entry(root,width=27)
t9.grid(row=13,column=1,columnspan=2,pady=10)



l13=tk.Label(root,text="  Qualification",bg='SlateBlue2',fg='white',
width=20,anchor=tk.W)
l13.grid(row=14,column=0)
l14=tk.Label(root,text="Sl.No.Examination",bg='SlateBlue2',fg='white
',width=20,anchor=tk.W)
l14.grid(row=14,column=1)
l15=tk.Label(root,text="Board",bg='SlateBlue2',fg='white',width=20,a
nchor=tk.W)
l15.grid(row=14,column=2)
l16=tk.Label(root,text="Percentage",bg='SlateBlue2',fg='white',width
=20,anchor=tk.W)
l16.grid(row=14,column=3)
l17=tk.Label(root,text="Year of Passing",bg='SlateBlue2',fg='white',
width=20,anchor=tk.W)
l17.grid(row=14,column=4)


l18=tk.Label(root,text="1     Class X",bg='SlateBlue2',fg='white',wi
dth=20,anchor=tk.W)
l18.grid(row=15,column=1)
l19=tk.Label(root,text="2     Class X11",bg='SlateBlue2',fg='white',
width=20,anchor=tk.W)
l19.grid(row=16,column=1)
l20=tk.Label(root,text="3     Graduation",bg='SlateBlue2',fg='white'
,width=20,anchor=tk.W)
l20.grid(row=17,column=1)
l21=tk.Label(root,text="4     Masters",bg='SlateBlue2',fg='white',wi
dth=20,anchor=tk.W)
l21.grid(row=18,column=1)
t10=tk.Entry(root,width=27)
t10.grid(row=15,column=2,pady=6)
```

```
t11=tk.Entry(root,width=27)
t11.grid(row=15,column=3,pady=6)
t12=tk.Entry(root,width=27)
t12.grid(row=15,column=4,pady=6)

t13=tk.Entry(root,width=27)
t13.grid(row=16,column=2,pady=6)
t14=tk.Entry(root,width=27)
t14.grid(row=16,column=3,pady=6)
t15=tk.Entry(root,width=27)
t15.grid(row=16,column=4,pady=6)

t16=tk.Entry(root,width=27)
t16.grid(row=17,column=2,pady=6)
t17=tk.Entry(root,width=27)
t17.grid(row=17,column=3,pady=6)
t18=tk.Entry(root,width=27)
t18.grid(row=17,column=4,pady=6)

t19=tk.Entry(root,width=27)
t19.grid(row=18,column=2,pady=6)
t20=tk.Entry(root,width=27)
t20.grid(row=18,column=3,pady=6)
t21=tk.Entry(root,width=27)
t21.grid(row=18,column=4,pady=6)



l22=tk.Label(root,text="  Courses Applied For",bg='SlateBlue2',fg='w
hite',width=20,anchor=tk.W)
l22.grid(row=19,column=0)
cb1=tk.Radiobutton(root,text="BCA",bg='SlateBlue2')
cb1.grid(row=19,column=1,sticky=tk.W,pady=6)
cb2=tk.Radiobutton(root,text="B.Com",bg='SlateBlue2')
cb2.grid(row=19,column=1,pady=6)
cb3=tk.Radiobutton(root,text="B.Sc",bg='SlateBlue2')
cb3.grid(row=19,column=2,sticky=tk.W,pady=6)
cb4=tk.Radiobutton(root,text="B.A",bg='SlateBlue2')
cb4.grid(row=19,column=2,pady=6)
```

```
button=tk.Button(root,text='Submit',command=root.destroy)
button.grid(row=20,column=2)
root.mainloop()
```

SET 2

Create a Registration form for Job Portal USING TKINTER.

```
import tkinter as tk
from tkinter import*
from tkinter.ttk import*
from tkinter import ttk

def browsefunc():
    filename = filedialog.askopenfilename()
    pathlabel.config(text=filename)

root = tk.Tk()
root.geometry('500x500')
root.title("Job application")

ttk.Label(root, text = "Job Application",font = ("bold", 40)).grid(r
ow = 0,column=0,columnspan=3,pady=2)
ttk.Label(root, text = "Personal Information",foreground="brown",fon
t = ("bold", 20)).grid(row = 1,column=0,pady=2,sticky=W)
```

```
ttk.Label(root, text = "Name",font = ("bold", 10)).grid(row = 2,colu
mn=0,pady=2,sticky=W)
ttk.Label(root, text = "Email",font = ("bold", 10)).grid(row = 3,col
umn=0,pady=2,sticky=W)
ttk.Label(root, text = "Education",font = ("bold", 10)).grid(row = 4
,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Resume",font = ("bold", 10)).grid(row = 5,co
lumn=0,pady=2,sticky=W)
ttk.Label(root, text = "Address",font = ("bold", 10)).grid(row = 6,c
olumn=0,pady=2,sticky=W)
ttk.Label(root, text = "Phone Number",font = ("bold", 10)).grid(row
= 10,column=0,pady=2,sticky=W)
ttk.Label(root, text = "What are your hobbies?",font = ("bold", 10))
.grid(row = 11,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Previous/Current Employment details",foregro
und="brown",font = ("bold", 20)).grid(row = 13,column=0,pady=2,stick
y=W)
ttk.Label(root, text = "Company Name",font = ("bold", 10)).grid(row
= 14,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Job Title",font = ("bold", 10)).grid(row = 1
5,column=0,pady=2,sticky=W)
ttk.Label(root, text = "How long were you here?",font = ("bold", 10)
).grid(row = 16,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Reference #1",foreground="brown",font = ("bo
ld", 10)).grid(row = 17,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Name",font = ("bold", 10)).grid(row = 18,col
umn=0,pady=2,sticky=W)
ttk.Label(root, text = "Phone",font = ("bold", 10)).grid(row = 19,co
lumn=0,pady=2,sticky=W)
ttk.Label(root, text = "Reference #2",foreground="brown",font = ("bo
ld", 10)).grid(row = 20,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Name",font = ("bold", 10)).grid(row = 21,col
umn=0,pady=2,sticky=W)
ttk.Label(root, text = "Phone",font = ("bold", 10)).grid(row = 22,co
lumn=0,pady=2,sticky=W)
e1=tk.Entry(root,width=30)
e1.insert(0,'First name')
e2=tk.Entry(root,width=30)
e2.insert(0,'Last name')
e3=tk.Entry(root,width=60)
e3.insert(0,'user@example.com')
e4=tk.Entry(root,width=60)
```

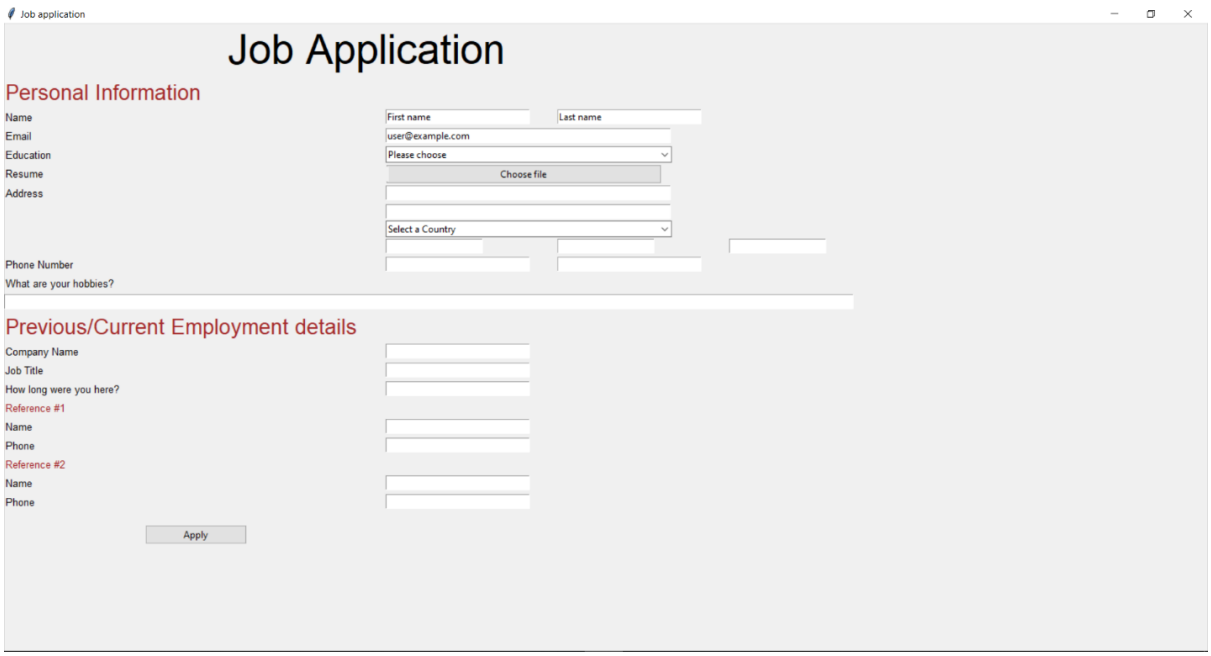
```
e5=tk.Entry(root,width=60)
e6=tk.Entry(root,width=20)
e7=tk.Entry(root,width=20)
e8=tk.Entry(root,width=20)
e9=tk.Entry(root,width=30)
e10=tk.Entry(root,width=30)
e11=tk.Entry(root,width=180)
e12=tk.Entry(root,width=30)
e13=tk.Entry(root,width=30)
e14=tk.Entry(root,width=30)
e15=tk.Entry(root,width=30)
e16=tk.Entry(root,width=30)
e17=tk.Entry(root,width=30)
e18=tk.Entry(root,width=30)
e1.grid(row=2,column=1,pady=2,sticky=W)
e2.grid(row=2,column=2,pady=2,sticky=W)
e3.grid(row=3,column=1,columnspan=2,pady=2,sticky=W)
e4.grid(row=6,column=1,columnspan=2,pady=2,sticky=W)
e5.grid(row=7,column=1,columnspan=2,pady=2,sticky=W)
e6.grid(row=9,column=1,pady=2,sticky=W)
e7.grid(row=9,column=2,pady=2,sticky=W)
e8.grid(row=9,column=3,pady=2,sticky=W)
e9.grid(row=10,column=1,pady=2,sticky=W)
e10.grid(row=10,column=2,pady=2,sticky=W)
e11.grid(row=12,column=0,columnspan=4,pady=2,sticky=W)
e12.grid(row=14,column=1,pady=2,sticky=W)
e13.grid(row=15,column=1,pady=2,sticky=W)
e14.grid(row=16,column=1,pady=2,sticky=W)
e15.grid(row=18,column=1,pady=2,sticky=W)
e16.grid(row=19,column=1,pady=2,sticky=W)
e17.grid(row=21,column=1,pady=2,sticky=W)
e18.grid(row=22,column=1,pady=2,sticky=W)

var = tk.StringVar()
var.set('Please choose')
choose=ttk.Combobox(root,width=57,textvariable=var)
choose['values']=('12th pass','B.Tech','M.Tech','BS','MS','PhD')
choose.grid(row=4,column=1,columnspan=2,sticky=W)
choose.current()

r = tk.StringVar()
r.set('Select a Country')
```

```
choose=ttk.Combobox(root,width=57,textvariable=r)
choose['values']=('USA','Qatar','Sri Lanka','UK','India','Switzerlan
d','New Zealand','China','Japan','Hong Kong')
choose.grid(row=8,column=1,columnspan=2,sticky=W)
choose.current()

btn = Button(root,width=57, text ='Choose file', command = browsefun
c)
btn.grid(row=5,column=1,columnspan=2,sticky=W)
pathlabel=Label(root)
pathlabel.grid(row=5,column=1,columnspan=2,sticky=W)

Button(root, text='Apply',width=20).place(x=180,y=640)
root.mainloop()
import tkinter as tk
from tkinter import*
from tkinter.ttk import*
from tkinter import ttk

def browsefunc():
    filename = filedialog.askopenfilename()
    pathlabel.config(text=filename)

root = tk.Tk()
root.geometry('500x500')
root.title("Job application")

ttk.Label(root, text = "Job Application",font = ("bold", 40)).grid(r
ow = 0,column=0,columnspan=3,pady=2)
ttk.Label(root, text = "Personal Information",foreground="brown",fon
t = ("bold", 20)).grid(row = 1,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Name",font = ("bold", 10)).grid(row = 2,colu
mn=0,pady=2,sticky=W)
ttk.Label(root, text = "Email",font = ("bold", 10)).grid(row = 3,col
umn=0,pady=2,sticky=W)
ttk.Label(root, text = "Education",font = ("bold", 10)).grid(row = 4
,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Resume",font = ("bold", 10)).grid(row = 5,co
lumn=0,pady=2,sticky=W)
ttk.Label(root, text = "Address",font = ("bold", 10)).grid(row = 6,c
olumn=0,pady=2,sticky=W)
```

```
ttk.Label(root, text = "Phone Number",font = ("bold", 10)).grid(row
= 10,column=0,pady=2,sticky=W)
ttk.Label(root, text = "What are your hobbies?",font = ("bold", 10))
.grid(row = 11,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Previous/Current Employment details",foregro
und="brown",font = ("bold", 20)).grid(row = 13,column=0,pady=2,stick
y=W)
ttk.Label(root, text = "Company Name",font = ("bold", 10)).grid(row
= 14,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Job Title",font = ("bold", 10)).grid(row = 1
5,column=0,pady=2,sticky=W)
ttk.Label(root, text = "How long were you here?",font = ("bold", 10)
).grid(row = 16,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Reference #1",foreground="brown",font = ("bo
ld", 10)).grid(row = 17,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Name",font = ("bold", 10)).grid(row = 18,col
umn=0,pady=2,sticky=W)
ttk.Label(root, text = "Phone",font = ("bold", 10)).grid(row = 19,co
lumn=0,pady=2,sticky=W)
ttk.Label(root, text = "Reference #2",foreground="brown",font = ("bo
ld", 10)).grid(row = 20,column=0,pady=2,sticky=W)
ttk.Label(root, text = "Name",font = ("bold", 10)).grid(row = 21,col
umn=0,pady=2,sticky=W)
ttk.Label(root, text = "Phone",font = ("bold", 10)).grid(row = 22,co
lumn=0,pady=2,sticky=W)
e1=tk.Entry(root,width=30)
e1.insert(0,'First name')
e2=tk.Entry(root,width=30)
e2.insert(0,'Last name')
e3=tk.Entry(root,width=60)
e3.insert(0,'user@example.com')
e4=tk.Entry(root,width=60)
e5=tk.Entry(root,width=60)
e6=tk.Entry(root,width=20)
e7=tk.Entry(root,width=20)
e8=tk.Entry(root,width=20)
e9=tk.Entry(root,width=30)
e10=tk.Entry(root,width=30)
e11=tk.Entry(root,width=180)
e12=tk.Entry(root,width=30)
e13=tk.Entry(root,width=30)
e14=tk.Entry(root,width=30)
```

```
e15=tk.Entry(root,width=30)
e16=tk.Entry(root,width=30)
e17=tk.Entry(root,width=30)
e18=tk.Entry(root,width=30)
e1.grid(row=2,column=1,pady=2,sticky=W)
e2.grid(row=2,column=2,pady=2,sticky=W)
e3.grid(row=3,column=1,columnspan=2,pady=2,sticky=W)
e4.grid(row=6,column=1,columnspan=2,pady=2,sticky=W)
e5.grid(row=7,column=1,columnspan=2,pady=2,sticky=W)
e6.grid(row=9,column=1,pady=2,sticky=W)
e7.grid(row=9,column=2,pady=2,sticky=W)
e8.grid(row=9,column=3,pady=2,sticky=W)
e9.grid(row=10,column=1,pady=2,sticky=W)
e10.grid(row=10,column=2,pady=2,sticky=W)
e11.grid(row=12,column=0,columnspan=4,pady=2,sticky=W)
e12.grid(row=14,column=1,pady=2,sticky=W)
e13.grid(row=15,column=1,pady=2,sticky=W)
e14.grid(row=16,column=1,pady=2,sticky=W)
e15.grid(row=18,column=1,pady=2,sticky=W)
e16.grid(row=19,column=1,pady=2,sticky=W)
e17.grid(row=21,column=1,pady=2,sticky=W)
e18.grid(row=22,column=1,pady=2,sticky=W)

var = tk.StringVar()
var.set('Please choose')
choose=ttk.Combobox(root,width=57,textvariable=var)
choose['values']=('12th pass','B.Tech','M.Tech','BS','MS','PhD')
choose.grid(row=4,column=1,columnspan=2,sticky=W)
choose.current()

r = tk.StringVar()
r.set('Select a Country')
choose=ttk.Combobox(root,width=57,textvariable=r)
choose['values']=('USA','Qatar','Sri Lanka','UK','India','Switzerlan
d','New Zealand','China','Japan','Hong Kong')
choose.grid(row=8,column=1,columnspan=2,sticky=W)
choose.current()

btn = Button(root,width=57, text ='Choose file', command = browsefun
c)
btn.grid(row=5,column=1,columnspan=2,sticky=W)
pathlabel=Label(root)
```

```
pathlabel.grid(row=5,column=1,columnspan=2,sticky=W)

Button(root, text='Apply',width=20).place(x=180,y=640)
root.mainloop()
```



SET 3

CONVERT THE FOLLOWING MANUAL FORM INTO DIGITAL MODE USING TKINTER

```
from tkinter import *
root=Tk()
#title
root.title("REGISTRATION INFORMATION")
#MAIN HEADING
Label(root,text="REGISTRATION INFORMATION",bg="grey",fg="black",font
=("Arial Bold",25)).pack(fill=X)

#Setting window size
root.geometry("500x500")
```

```
l1=Label(root,text="Registration Period: (check one)",fg="black",font=("Arial Bold",15))
l1.place(x=0,y=50)

#Adding checkbutton
ch1=Checkbutton(root,text="One Year",fg="black",font=10)
ch1.place(x=350,y=50)

ch2=Checkbutton(root,text="Two Years($2 discount applies)",fg="black",font=10)
ch2.place(x=500,y=50)

ch3=Checkbutton(root,text="Three Years($3 discount applies)",fg="black",font=10)
ch3.place(x=850,y=50)
l2=Label(root,text="(not available for vehicles subject to emissions testing)",font=10)
l2.place(x=890,y=80)
l3=Label(root,text="Registration Type:",fg="black",font=("Arial Bold",15))
l3.place(x=0,y=120)
ch4=Checkbutton(root,text="Original",fg="black",font=10)
ch4.place(x=350,y=120)
ch5=Checkbutton(root,text="Renewal",fg="black",font=10)
ch5.place(x=510,y=120)
ch6=Checkbutton(root,text="Private",fg="black",font=10)
ch6.place(x=840,y=120)
ch7=Checkbutton(root,text="Reissue(Plates and Decals)",fg="black",font=10)
ch7.place(x=980,y=120)
Label(root,text="See Reissue Plates below under plate information",fg="black",font=10).place(x=990,y=150)
ch8=Checkbutton(root,text="Reissue(Decals Only)",fg="black",font=10)
ch8.place(x=0,y=155)
ch9=Checkbutton(root,text="Rental Vehicle",fg="black",font=10)
ch9.place(x=350,y=155)

ch10=Checkbutton(root,text="Transfer Plate Number:",fg="black",font=10)
ch10.place(x=510,y=155)
entry = Entry(root,width=20)
entry.place(x=760,y=165)
```

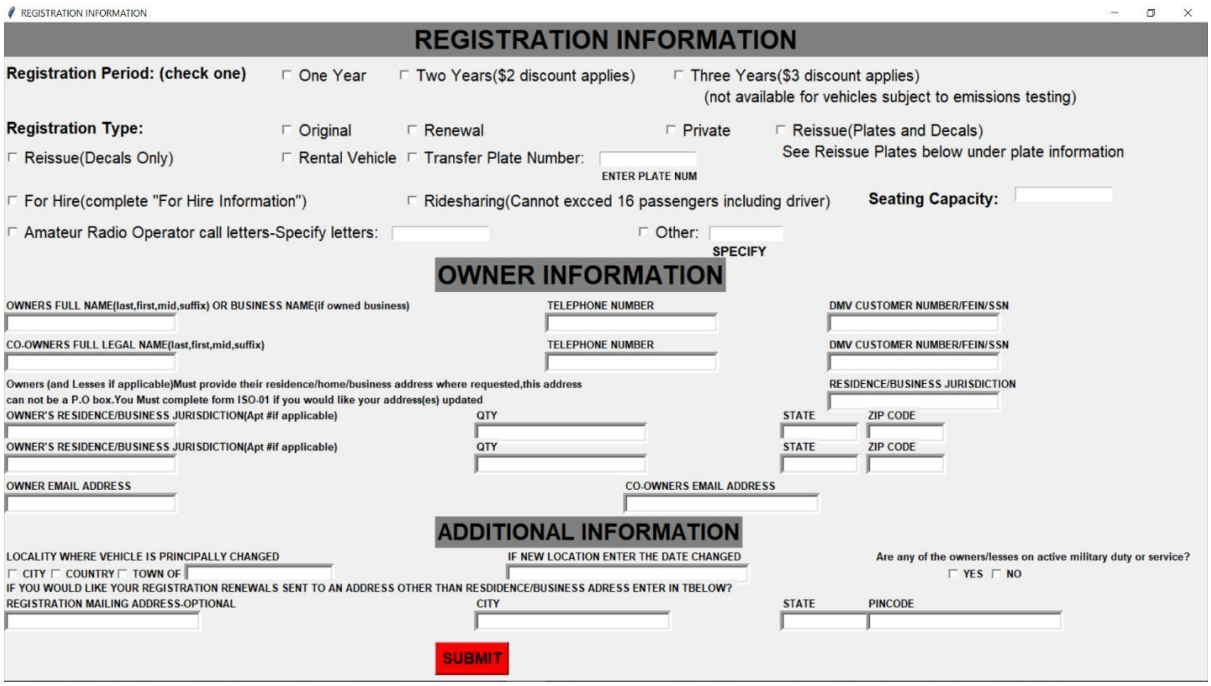
```
l4=Label(root,text="ENTER PLATE NUM",fg="black",font=("Arial Bold",10))
l4.place(x=760,y=185)
ch11=Checkbutton(root,text='For Hire(complete "For Hire Information")',fg="black",font=10)
ch11.place(x=0,y=210)
ch12=Checkbutton(root,text='Ridesharing(Cannot excced 16 passengers including driver)',fg="black",font=5)
ch12.place(x=510,y=210)
l5=Label(root,text="Seating Capacity:",fg="black",font=("Arial Bold",15))
l5.place(x=1100,y=210)
e2=Entry(root)
e2.place(x=1290,y=210)

ch13=Checkbutton(root,text='Amateur Radio Operator call letters-Specify letters:',fg="black",font=10)
ch13.place(x=0,y=250)
e3=Entry(root)
e3.place(x=495,y=260)
ch14=Checkbutton(root,text='Other:',fg="black",font=10)
ch14.place(x=805,y=250)
e4=Entry(root,width=15)
e4.place(x=900,y=260)
l6=Label(root,text="SPECIFY",fg="black",font=("Arial Bold",13))
l6.place(x=900,y=280)
#SECOND PART
l7=Label(root,text="OWNER INFORMATION",font=("Arial Bold",25),bg="grey",fg="black",)
#l7.pack(fill=X,anchor=CENTER)
l7.place(x=550,y=300)

l8=Label(root,text="OWNERS FULL NAME(last,first,mid,suffix) OR BUSINESS NAME(if owned business) ",font=("Arial Bold",10),fg="black",)
l8.place(x=0,y=350)
l9=Label(root,text="TELEPHONE NUMBER",font=("Arial Bold",10),fg="black",)
l9.place(x=690,y=350)
l10=Label(root,text="DMV CUSTOMER NUMBER/FEIN/SSN",font=("Arial Bold",10),fg="black",)
l10.place(x=1050,y=350)
e5=Entry(root,width=35,bd=5)
```

```
e5.place(x=0,y=370)
e6=Entry(root,width=35,bd=5)
e6.place(x=690,y=370)
e7=Entry(root,width=35,bd=5)
e7.place(x=1050,y=370)
l11=Label(root,text="CO-
OWNERS FULL LEGAL NAME(last,first,mid,suffix)",font=("Arial Bold",10
),fg="black",)
l11.place(x=0,y=400)
l12=Label(root,text="TELEPHONE NUMBER",font=("Arial Bold",10),fg="bl
ack",)
l12.place(x=690,y=400)
l13=Label(root,text="DMV CUSTOMER NUMBER/FEIN/SSN",font=("Arial Bold
",10),fg="black",)
l13.place(x=1050,y=400)
e8=Entry(root,width=35,bd=5)
e8.place(x=0,y=420)
e9=Entry(root,width=35,bd=5)
e9.place(x=690,y=420)
e10=Entry(root,width=35,bd=5)
e10.place(x=1050,y=420)

l14=Label(root,text="Owners (and Lesses if applicable)Must provide t
heir residence/home/business address where requested,this address",f
ont=("Arial Bold",10),fg="black",)
l14.place(x=0,y=450)
l15=Label(root,text="can not be a P.O box.You Must complete form ISO
-
01 if you would like your address(es) updated",font=("Arial Bold",10
),fg="black",)
l15.place(x=0,y=470)
l16=Label(root,text="RESIDENCE/BUSINESS JURISDICTION",font=("Arial B
old",10),fg="black",).place(x=1050,y=450)
e11=Entry(root,width=35,bd=5)
e11.place(x=1050,y=470)

l17=Label(root,text="OWNER'S RESIDENCE/BUSINESS JURISDICTION(Apt #if
 applicable)",font=("Arial Bold",10),fg="black",)
l17.place(x=0,y=490)
l18=Label(root,text="QTY",font=("Arial Bold",10),fg="black",)
l18.place(x=600,y=490)
l19=Label(root,text="STATE",font=("Arial Bold",10),fg="black",)
```

```
l19.place(x=990,y=490)
l20=Label(root,text="ZIP CODE",font=("Arial Bold",10),fg="black",)
l20.place(x=1100,y=490)
e11=Entry(root,width=35,bd=5)
e11.place(x=0,y=510)
e12=Entry(root,width=35,bd=5)
e12.place(x=600,y=510)
e13=Entry(root,width=15,bd=5)
e13.place(x=990,y=510)
e14=Entry(root,width=15,bd=5).place(x=1100,y=510)


l21=Label(root,text="OWNER'S RESIDENCE/BUSINESS JURISDICTION(Apt #if
 applicable)",font=("Arial Bold",10),fg="black",)
l21.place(x=0,y=530)
l22=Label(root,text="QTY",font=("Arial Bold",10),fg="black",)
l22.place(x=600,y=530)
l23=Label(root,text="STATE",font=("Arial Bold",10),fg="black",)
l23.place(x=990,y=530)
l24=Label(root,text="ZIP CODE",font=("Arial Bold",10),fg="black",)
l24.place(x=1100,y=530)
e11=Entry(root,width=35,bd=5)
e11.place(x=0,y=550)
e12=Entry(root,width=35,bd=5)
e12.place(x=600,y=550)
e13=Entry(root,width=15,bd=5)
e13.place(x=990,y=550)
e14=Entry(root,width=15,bd=5).place(x=1100,y=550)

#SECOND PART
l25=Label(root,text="OWNER EMAIL ADDRESS",font=("Arial Bold",10),fg=
"black",)
l25.place(x=0,y=580)
l26=Label(root,text="CO-
OWNERS EMAIL ADDRESS",font=("Arial Bold",10),fg="black",)
l26.place(x=790,y=580)
e15=Entry(root,width=35,bd=5)
e15.place(x=0,y=600)
e15=Entry(root,width=40,bd=5).place(x=790,y=600)

#THIRD PART
```

```
l27=Label(root,text="ADDITIONAL INFORMATION",font=("Arial Bold",22),
bg="grey",fg="black",).place(x=550,y=630)
L28=Label(root,text="LOCALITY WHERE VEHICLE IS PRINCIPALLY CHANGED",
font=("Arial Bold",10),fg="black").place(x=0,y=670)
L29=Label(root,text="IF NEW LOCATION ENTER THE DATE CHANGED",font=("
Arial Bold",10),fg="black",).place(x=640,y=670)
L30=Label(root,text="Are any of the owners/lesses on active military
 duty or service?",font=("Arial Bold",10),fg="black",).place(x=1110,
y=670)
c1 = Checkbutton(root,text="CITY",font=("Arial Bold",10),fg="black")
.place(x=0,y=690)
c2 = Checkbutton(root,text="COUNTRY",font=("Arial Bold",10),fg="blac
k").place(x=55,y=690)
c3 = Checkbutton(root,text="TOWN OF",font=("Arial Bold",10),fg="blac
k").place(x=140,y=690)
e16=Entry(root,width=30,bd=5).place(x=230,y=690)
e17=Entry(root,width=50,bd=5).place(x=640,y=690)
c4 = Checkbutton(root,text="YES",font=("Arial Bold",10),fg="black").
place(x=1200,y=690)
c5 = Checkbutton(root,text="NO",font=("Arial Bold",10),fg="black").p
lace(x=1255,y=690)


L31=Label(root,text="IF YOU WOULD LIKE YOUR REGISTRATION RENEWALS SE
NT TO AN ADDRESS OTHER THAN RESDIDENCE/BUSINESS ADRESS ENTER IN TBEL
OW? ",font=("Arial Bold",10),fg="black",).place(x=0,y=710)
L32=Label(root,text="REGISTRATION MAILING ADDRESS-
OPTIONAL",font=("Arial Bold",10),fg="black").place(x=0,y=730)
L33=Label(root,text="CITY",font=("Arial Bold",10),fg="black",).place
(x=600,y=730)
L34=Label(root,text="STATE",font=("Arial Bold",10),fg="black",).plac
e(x=990,y=730)
L35=Label(root,text="PINCODE",font=("Arial Bold",10),fg="black",).pl
ace(x=1100,y=730)
e16=Entry(root,width=40,bd=5).place(x=0,y=750)
e17=Entry(root,width=40,bd=5).place(x=600,y=750)
e18=Entry(root,width=40,bd=5).place(x=990,y=750)
e19=Entry(root,width=40,bd=5).place(x=1100,y=750)


btn = Button(root,text="SUBMIT",font=("Arial Bold",15),fg="black",bg
="red").place(x=550,y=790)
```

```
root.mainloop()
```



SET 4

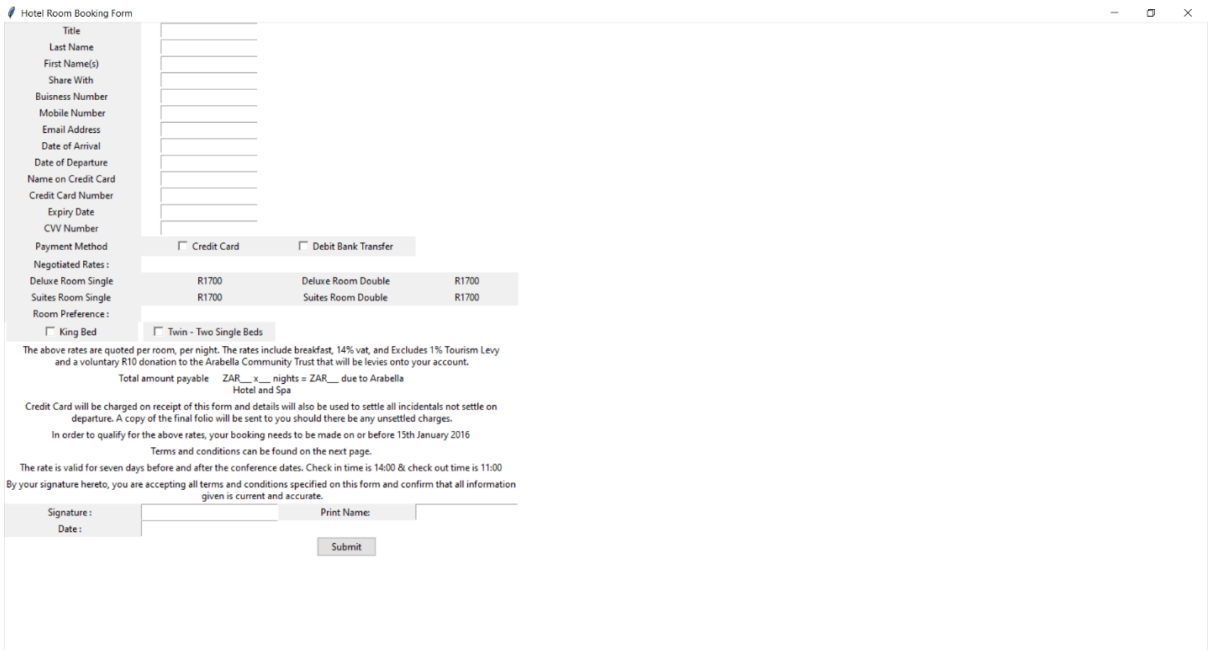
Design a registration form for hotel room accommodation by converting this manual from into digital format using tkinter.

```
from tkinter import *
from tkinter import ttk
from tkinter import messagebox
window = Tk()
window.title("Hotel Room Booking Form")
window.geometry('1500x800')
window.configure(background = "white");
def hello():
    messagebox.showinfo("Form Report", "Thank You for Submitting the
 form")
a = Label(window ,text = "Title ").grid(row = 0,column = 0,sticky =
"NSEW")
```

```
b = Label(window ,text = "Last Name ").grid(row = 1,column = 0,stick
y = "NSEW")
c = Label(window ,text = "First Name(s) ").grid(row = 2,column = 0,s
ticky = "NSEW")
d = Label(window ,text = "Share With ").grid(row = 3,column = 0,stic
ky = "NSEW")
e = Label(window ,text = "Buisness Number ").grid(row = 4,column = 0
,sticky = "NSEW")
f = Label(window ,text = "Mobile Number").grid(row = 5,column = 0,st
icky = "NSEW")
g = Label(window ,text = "Email Address ").grid(row = 6,column = 0,s
ticky = "NSEW")
h = Label(window ,text = "Date of Arrival ").grid(row = 7,column = 0
,sticky = "NSEW")
i = Label(window ,text = "Date of Departure ").grid(row = 8,column =
 0,sticky = "NSEW")
j = Label(window ,text = "Name on Credit Card ").grid(row = 9,column
 = 0,sticky = "NSEW")
k = Label(window ,text = "Credit Card Number ").grid(row = 10,column
 = 0,sticky = "NSEW")
l = Label(window ,text = "Expiry Date ").grid(row = 11,column = 0,st
icky = "NSEW")
m = Label(window ,text = "CVV Number ").grid(row = 12,column = 0,sti
cky = "NSEW")
n = Label(window ,text = "Payment Method ").grid(row = 13,column = 0
,sticky = "NSEW")
CheckVar1 = IntVar()
CheckVar2 = IntVar()
C1 = Checkbutton(window, text = "Credit Card ", variable = CheckVar1
, \
                 onvalue = 1, offvalue = 0, height=1, \
                 width = 20).grid(row = 13, column = 1 , sticky = "N
SEW")
C2 = Checkbutton(window, text = "Debit Bank Transfer ", variable = C
heckVar2, \
                 onvalue = 1, offvalue = 0, height=1, \
                 width = 20).grid(row = 13, column = 2 , sticky = "N
SEW")
p = Label(window ,text = "Negotiated Rates : ").grid(row = 14,column
 = 0 , sticky = "NSEW")
g = Label(window ,text = "Deluxe Room Single ").grid(row = 15,column
 = 0 , sticky = "NSEW")
```

```
g1 = Label(window ,text = " R1700 ").grid(row = 15,column = 1 , stic
ky = "NSEW")
h = Label(window ,text = "Deluxe Room Double ").grid(row = 15,column
 = 2 , sticky = "NSEW")
h1 = Label(window ,text = " R1700 ").grid(row = 15,column = 3 , stic
ky = "NSEW")
g = Label(window ,text = "Suites Room Single ").grid(row = 16,column
 = 0 , sticky = "NSEW")
g1 = Label(window ,text = " R1700 ").grid(row = 16,column = 1 , stic
ky = "NSEW")
h = Label(window ,text = "Suites Room Double ").grid(row = 16,column
 = 2,sticky = "NSEW")
h1 = Label(window ,text = " R1700 ").grid(row = 16,column = 3 ,stick
y = "NSEW")
p1 = Label(window ,text = "Room Preference : ").grid(row = 17,column
 = 0,sticky = "NSEW")
CheckVar11 = IntVar()
CheckVar22 = IntVar()
C1 = Checkbutton(window, text = "King Bed ", variable = CheckVar11,
\
                 onvalue = 1, offvalue = 0, height=1, \
                 width = 20).grid(row = 18, column = 0)
C2 = Checkbutton(window, text = "Twin - Two Single Beds ", variable
= CheckVar22, \
                 onvalue = 1, offvalue = 0, height=1, \
                 width = 20).grid(row = 18, column = 1)
line1 = Label(window, text="The above rates are quoted per room, per
 night. The rates include breakfast, 14% vat, and Excludes 1% Touris
m Levy\n and a voluntary R10 donation to the Arabella Community Trus
t that will be levies onto your account.", bg="white")
line2 = Label(window, text="Total amount payable      ZAR___ x___ ni
ghts = ZAR___ due to Arabella\n Hotel and Spa", bg="white")
line3 = Label(window, text="Credit Card will be charged on receipt o
f this form and details will also be used to settle all incidentals
not settle on\n departure. A copy of the final folio will be sent to
 you should there be any unsettled charges.", bg="white")
line4 = Label(window, text="In order to qualify for the above rates,
 your booking needs to be made on or before 15th January 2016", bg="
white")
line5 = Label(window, text="Terms and conditions can be found on the
 next page.", bg="white")
```

```
line6 = Label(window, text="The rate is valid for seven days before
and after the conference dates. Check in time is 14:00 & check out t
ime is 11:00", bg="white")
line7 = Label(window, text="By your signature hereto, you are accept
ing all terms and conditions specified on this form and confirm that
 all information\n given is current and accurate.", bg="white")
line1.grid(row=20, column=0,columnspan=4)
line2.grid(row=21, column=0,columnspan=4)
line3.grid(row=22, column=0,columnspan=4)
line4.grid(row=23, column=0,columnspan=4)
line5.grid(row=24, column=0,columnspan=4)
line6.grid(row=25, column=0,columnspan=4)
line7.grid(row=26, column=0,columnspan=4)
p1 = Label(window ,text = "Signature :  ").grid(row = 27,column = 0,
sticky = "NSEW")
p1 = Label(window ,text = "Print Name: ").grid(row = 27,column = 2,s
ticky = "NSEW")
p1 = Label(window ,text = "Date :  ").grid(row = 28,column = 0,stick
y = "NSEW")
a1 = Entry(window).grid(row = 0,column = 1)
b1 = Entry(window).grid(row = 1,column = 1)
c1 = Entry(window).grid(row = 2,column = 1)
d1 = Entry(window).grid(row = 3,column = 1)
e1 = Entry(window).grid(row = 4,column = 1)
f1 = Entry(window).grid(row = 5,column = 1)
g1 = Entry(window).grid(row = 6,column = 1)
h1 = Entry(window).grid(row = 7,column = 1)
i1 = Entry(window).grid(row = 8,column = 1)
j1 = Entry(window).grid(row = 9,column = 1)
k1 = Entry(window).grid(row = 10,column = 1)
l1 = Entry(window).grid(row = 11,column = 1)
m1 = Entry(window).grid(row = 12,column = 1)
p101 = Entry(window).grid(row = 27,column = 1,sticky = "NSEW")
p102 = Entry(window).grid(row = 27,column = 3,sticky = "NSEW")
p103 = Entry(window).grid(row = 28,column = 1,sticky = "NSEW")
btn = ttk.Button(window ,text="Submit",command = hello).grid(row=30,
column=2)
window.mainloop()
```



SET 5

Design a GUI using tkinter for CAB Rental booking.

```
import tkinter as tk
window=tk.Tk()
window.geometry("900x650")
window.title("APP Week 4 SET 5")
#Title
tk.Label(window, text='CAR RENTAL RECEIPT', font=('bold')).grid(row=
0,column=2)
tk.Label(window, text=' ').grid(row=1,column=0)

#Receipt
tk.Label(window, text='Date:').grid(row=2,column=0)
tk.Entry(window).grid(row=2,column=1)
tk.Label(window, text='Receipt #:').grid(row=3,column=0)
tk.Entry(window).grid(row=3,column=1)

#Rental Company Info
tk.Label(window, text='Rental Company Info:', font=('bold')).grid(ro
w=4,column=0)
tk.Label(window, text='Company:').grid(row=5,column=0)
tk.Entry(window).grid(row=5,column=1)
tk.Label(window, text='Representative:').grid(row=6,column=0)
tk.Entry(window).grid(row=6,column=1)
```

```
tk.Label(window, text='Location:').grid(row=7,column=0)
tk.Entry(window).grid(row=7,column=1)
tk.Label(window, text='City/State/ZIP:').grid(row=8,column=0)
tk.Entry(window).grid(row=8,column=1)
tk.Label(window, text='Phone:').grid(row=9,column=0)
tk.Entry(window).grid(row=9,column=1)

#Lessee Info
tk.Label(window, text='Lessee Info', font=('bold')).grid(row=4,colum
n=2)
tk.Label(window, text='Name:').grid(row=5,column=2)
tk.Entry(window).grid(row=5,column=3)
tk.Label(window, text='License #:').grid(row=6,column=2)
tk.Entry(window).grid(row=6,column=3)
tk.Label(window, text='Address:').grid(row=7,column=2)
tk.Entry(window).grid(row=7,column=3)
tk.Label(window, text='City/State/ZIP:').grid(row=8,column=2)
tk.Entry(window).grid(row=8,column=3)
tk.Label(window, text='Phone:').grid(row=9,column=2)
tk.Entry(window).grid(row=9,column=3)
tk.Label(window, text=' ').grid(row=10,column=0)

#Vehicle Info
tk.Label(window, text='Vehicle Information', font=('bold')).grid(row
=11,column=2)
tk.Label(window, text='VIN:').grid(row=12,column=0)
tk.Entry(window).grid(row=12,column=1)
tk.Label(window, text='Make:').grid(row=13,column=0)
tk.Entry(window).grid(row=13,column=1)
tk.Label(window, text='Year:').grid(row=14,column=0)
tk.Entry(window).grid(row=14,column=1)
tk.Label(window, text='Color:').grid(row=15,column=0)
tk.Entry(window).grid(row=15,column=1)
tk.Label(window, text='Registration #:').grid(row=12,column=2)
tk.Entry(window).grid(row=12,column=3)
tk.Label(window, text='Model:').grid(row=13,column=2)
tk.Entry(window).grid(row=13,column=3)
tk.Label(window, text='Mileage:').grid(row=14,column=2)
tk.Entry(window).grid(row=14,column=3)
tk.Label(window, text=' ').grid(row=16,column=0)

#Table
```

```
tk.Label(window, text='VIN', bd=1, relief='solid').grid(row=17,colum
n=0,sticky='nsew')
tk.Label(window, text='Cost/Day', bd=1, relief='solid').grid(row=17,
column=1,sticky='nsew')
tk.Label(window, text='# of Days', bd=1, relief='solid').grid(row=17
,column=2,sticky='nsew')
tk.Label(window, text='Additional Costs', bd=1, relief='solid').grid
(row=17,column=3,sticky='nsew')
tk.Label(window, text='Line Total', bd=1, relief='solid').grid(row=1
7,column=4,sticky='nsew')

for i in range(18,21):
    for j in range(0,5):
        tk.Entry(window, bd=1, relief='solid').grid(row=i,column=j,s
ticky='nesw')
tk.Label(window, text='Payment Method:').grid(row=21,column=0)
tk.Checkbutton(window,text='Cash    :').grid(row=22,column=0)
tk.Checkbutton(window,text='Check#  :').grid(row=22,column=1)
tk.Entry(window).grid(row=22,column=2)
tk.Checkbutton(window,text='Credit# :').grid(row=23,column=0)
tk.Entry(window).grid(row=23,column=1)
tk.Checkbutton(window,text='Other   :').grid(row=24,column=0)
tk.Entry(window).grid(row=24,column=1)

for i in range(21,25):
    tk.Entry(window, bd=1, relief='solid').grid(row=i,column=4,stick
y='nesw')
text1=tk.StringVar()
text2=tk.StringVar()
text3=tk.StringVar()
text4=tk.StringVar()
text1.set('Subtotal:')
text2.set('Tax(  %):')
text3.set('Total:')
text4.set('Amount Paid:')

tk.Entry(window, bd=1, relief='solid', textvariable=text1).grid(row=
21,column=3,sticky='nesw')
tk.Entry(window, bd=1, relief='solid', textvariable=text2).grid(row=
22,column=3,sticky='nesw')
tk.Entry(window, bd=1, relief='solid', textvariable=text3).grid(row=
23,column=3,sticky='nesw')
```

```
tk.Entry(window, bd=1, relief='solid', textvariable=text4).grid(row=
24,column=3,sticky='nesw')
tk.Label(window, text=' ').grid(row=25,column=0)

#Signature
tk.Label(window, text='Authorized Signature:', font=('bold',10)).gri
d(row=26,column=3)
tk.Entry(window).grid(row=26,column=4)
tk.Label(window, text=' ').grid(row=27,column=0)
tk.Label(window, text='Representative Name:', font=('bold',10)).grid
(row=28,column=3)
tk.Entry(window).grid(row=28,column=4)

#Run code
window.mainloop()
```