Assignment 3

November 8, 2020

NAME:SHUBHAM TAKANKHAR

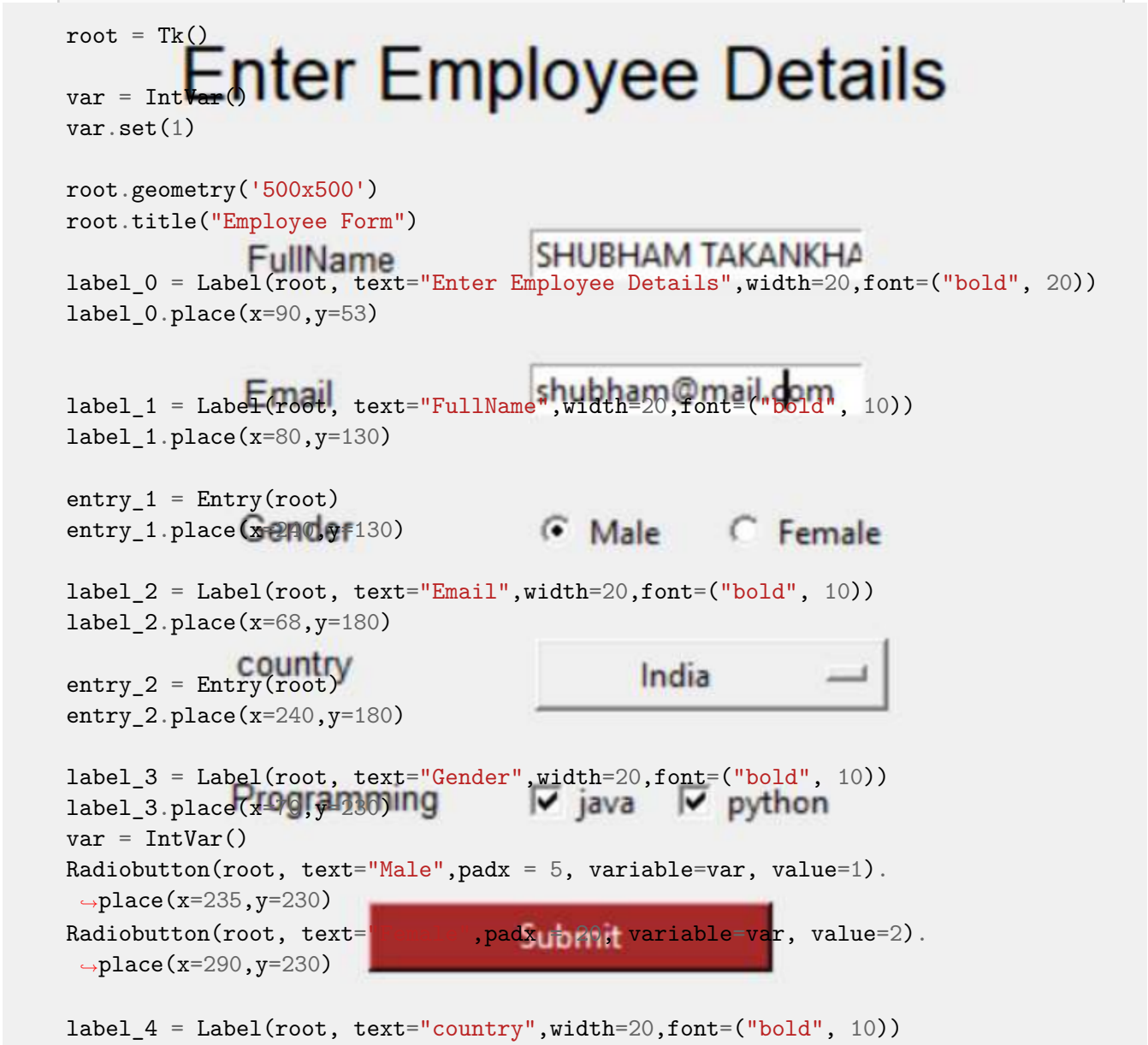
CLASS: SY MCA

ROLL NO: 54

1 Create GUI to enter employee details using Tkinter and save it in a file.

[ ]:
```
def filewrite():
    file1 = open(r"D:\\EmpFile.txt","a+")
    if (entry_1.get() == "" and entry_2.get() == "" ):
        print("empty input")

    else:
        file1.writelines('\nName:')
        file1.writelines(entry_1.get())
        file1.writelines('\nEmail:')
        file1.writelines(entry_2.get())
        file1.writelines('\nGender:')
        if var.get()==1:
            file1.writelines("MALE")
        else:
            file1.writelines("FEMALE")
        file1.writelines('\nCountry:')

        file1.writelines(c.get())

        file1.writelines('\nProgramming:')
        if var1.get()==1 and var2.get()==1:
            file1.writelines('Python,Java')
        elif var2.get()==1:
            file1.writelines('Python')
        elif var1.get()==1:
             file1.writelines('Java')
```

```
        else:
            file1.writelines('None')

    file1.close()

from tkinter import *

root = Tk()

var = IntVar()
var.set(1)

root.geometry('500x500')
root.title("Employee Form")

label_0 = Label(root, text="Enter Employee Details",width=20,font=("bold", 20))
label_0.place(x=90,y=53)


label_1 = Label(root, text="FullName",width=20,font=("bold", 10))
label_1.place(x=80,y=130)

entry_1 = Entry(root)
entry_1.place(x=240,y=130)

label_2 = Label(root, text="Email",width=20,font=("bold", 10))
label_2.place(x=68,y=180)

entry_2 = Entry(root)
entry_2.place(x=240,y=180)

label_3 = Label(root, text="Gender",width=20,font=("bold", 10))
label_3.place(x=70,y=230)
var = IntVar()
Radiobutton(root, text="Male",padx = 5, variable=var, value=1).
 ↪place(x=235,y=230)
Radiobutton(root, text="Female",padx = 20, variable=var, value=2).
 ↪place(x=290,y=230)

label_4 = Label(root, text="country",width=20,font=("bold", 10))
label_4.place(x=70,y=280)

list1 = ['Canada','India','UK','Nepal','Iceland','South Africa'];
c=StringVar()
droplist=OptionMenu(root,c, *list1)
droplist.config(width=15)
c.set('select your country')
```



```
droplist.place(x=240,y=280)

label_4 = Label(root, text="Programming",width=20,font=("bold", 10))
label_4.place(x=85,y=330)
var1 = IntVar()
Checkbutton(root, text="java", variable=var1).place(x=235,y=330)
var2 = IntVar()
Checkbutton(root, text="python", variable=var2).place(x=290,y=330)

Button(root, text='Submit',width=20,bg='brown',fg='white',command=filewrite).
 ↪place(x=180,y=380)


root.mainloop()
```

[1]:
```
dicts = {'a': 2,
        'd': 6,
        'b': 3,
        'c': 1}

#sorting hash table
for key in sorted(dicts.keys()):
    print(key+":"+str(dicts[key]))

#searching key
key=input("ENTER KEY :") #b
dicts.get(key,"Not Found ! ")
```

```
a:2
b:3
c:1
d:6
```

[1]: 3

[ ]: