

Assignment 8

October 9, 2020

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[ ]: """  
NAME:SHUBHAM TAKANKHAR  
CLASS: SY MCA  
ROLL NO: 54  
"""
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[ ]: #Q1 Create GUI to enter BIO-DATA using Tkinter and save it in a file.
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[1]: def filewrite():  
    file1 = open(r"D:\\MyFile.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')
```

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        file1.close()

from tkinter import *

root = Tk()

var = IntVar()
var.set(1)

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

label_0 = Label(root, text="BIO DATA",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))

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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)

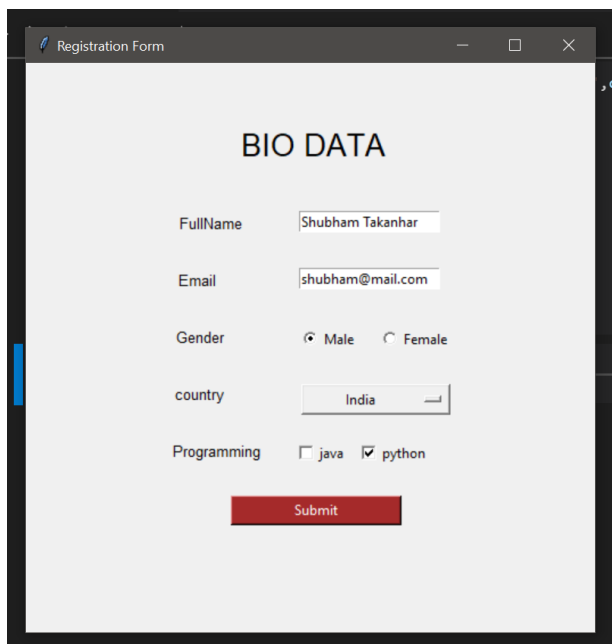
Button(root, text='Submit',width=20,bg='brown',fg='white',command=filewrite).
    ↳place(x=180,y=380)

root.mainloop()

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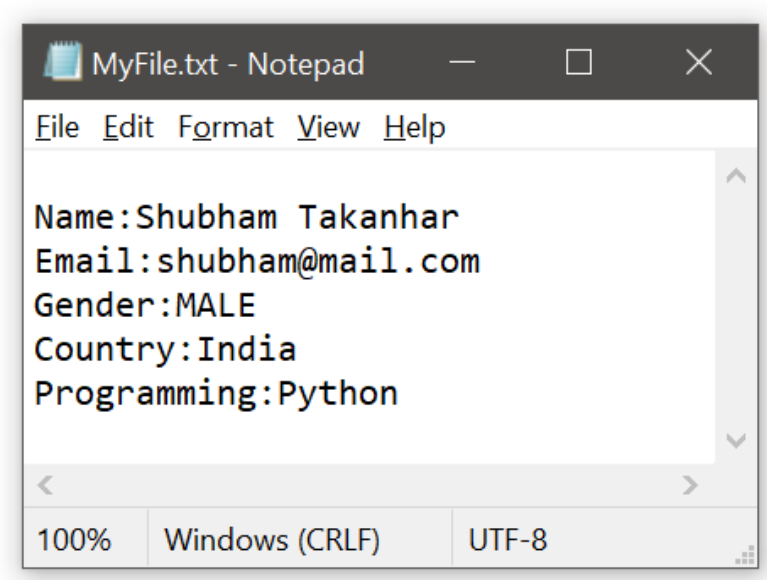
USER INTERFACE



The screenshot shows a Tkinter window titled "Registration Form". Inside, there's a section titled "BIO DATA". The form contains the following fields and controls:

- FullName:** A text entry field containing "Shubham Takanhar".
- Email:** A text entry field containing "shubham@mail.com".
- Gender:** Two radio buttons labeled "Male" (selected) and "Female".
- country:** A dropdown menu showing "India".
- Programming:** Two checkboxes labeled "java" (unchecked) and "python" (checked).
- Submit:** A red button at the bottom.

TEXT FILE OUTPUT



The screenshot shows a Notepad window titled "MyFile.txt - Notepad". The text content is as follows:

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Name:Shubham Takanhar
Email:shubham@mail.com
Gender:MALE
Country:India
Programming:Python

```

The status bar at the bottom indicates "100%", "Windows (CRLF)", and "UTF-8".