**ASSIGNMENT NO:02**

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**Source Code:**

import tkinter as tk

from tkinter import ttk

def log\_in():

rot1=tk.Tk()

op=tk.Label(rot1,text="Logged In Successfully")

op.grid(row=0, column=1)

def submit():

rot2=tk.Tk()

opp=tk.Label(rot2,text="Registration Successful!")

opp.grid(row=0, column=1)

def register\_user():

rot = tk.Tk()

personal\_info\_label = tk.Label(rot, text="Personal Information")

personal\_info\_label.grid(row=0, column=1)

full\_name\_label = tk.Label(rot, text="Enter Full Name:")

full\_name\_label.grid(row=1, column=0)

full\_name\_entry = tk.Entry(rot)

full\_name\_entry.grid(row=1, column=1)

address\_label = tk.Label(rot, text="Enter Address:")

address\_label.grid(row=2, column=0)

address\_entry = tk.Entry(rot)

address\_entry.grid(row=2, column=1)

email\_label = tk.Label(rot, text="Enter Email ID:")

email\_label.grid(row=3, column=0)

email\_entry = tk.Entry(rot)

email\_entry.grid(row=3, column=1)

mobile\_label = tk.Label(rot, text="Enter Mobile No:")

mobile\_label.grid(row=4, column=0)

mobile\_entry = tk.Entry(rot)

mobile\_entry.grid(row=4, column=1)

country\_label = tk.Label(rot, text="Select Country:")

country\_label.grid(row=5, column=0)

countries = ["India", "USA", "UK", "Australia", "Canada"]

country\_var = tk.StringVar(value=countries[0])

country\_menu = ttk.Combobox(rot, textvariable=country\_var, values=countries)

country\_menu.grid(row=5, column=1)

state\_label = tk.Label(rot, text="Select State:")

state\_label.grid(row=6, column=0)

states = ["Maharashtra", "California", "London", "New South Wales", "Ontario"]

state\_var = tk.StringVar(value=states[0])

state\_menu = ttk.Combobox(rot, textvariable=state\_var, values=states)

state\_menu.grid(row=6, column=1)

city\_label = tk.Label(rot, text="Select City:")

city\_label.grid(row=7, column=0)

cities = ["Mumbai", "Los Angeles", "London", "Sydney", "Toronto"]

city\_var = tk.StringVar(value=cities[0])

city\_menu = ttk.Combobox(rot, textvariable=city\_var, values=cities)

city\_menu.grid(row=7, column=1)

gender\_label = tk.Label(rot, text="Select Gender:")

gender\_label.grid(row=8, column=0)

gender\_var = tk.StringVar(value="Male")

male\_checkbox = tk.Radiobutton(rot, text="Male", variable=gender\_var, value="Male")

male\_checkbox.grid(row=8, column=1, sticky=tk.W)

female\_checkbox = tk.Radiobutton(rot, text="Female", variable=gender\_var, value="Female")

female\_checkbox.grid(row=8, column=1, sticky=tk.E)

languages\_label = tk.Label(rot, text="Select Known Languages:")

languages\_label.grid(row=9, column=0, columnspan=2)

languages = ["Marathi", "English", "Hindi"]

languages\_var = {lang: tk.BooleanVar() for lang in languages}

for i, lang in enumerate(languages):

checkbox = tk.Checkbutton(rot, text=lang, variable=languages\_var[lang])

checkbox.grid(row=10+i, column=0, columnspan=2, sticky=tk.W)

submit\_button = tk.Button(rot, text="Submit",command=submit)

submit\_button.grid(row=13, column=0, columnspan=2, pady=10)

root = tk.Tk()

root.title("GUI")

op=tk.Label(root,text="Welcome")

op.grid(row=0, column=1)

username\_label = tk.Label(root, text="Enter Username:")

username\_label.grid(row=1, column=0)

username\_entry = tk.Entry(root)

username\_entry.grid(row=1, column=1)

password\_label = tk.Label(root, text="Enter Password:")

password\_label.grid(row=2, column=0)

password\_entry = tk.Entry(root, show="\*")

password\_entry.grid(row=2, column=1)

login\_button = tk.Button(root, text="Log In",command=log\_in)

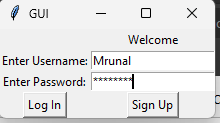
login\_button.grid(row=3, column=0)

signup\_button = tk.Button(root, text="Sign Up", command=register\_user)

signup\_button.grid(row=3, column=1)

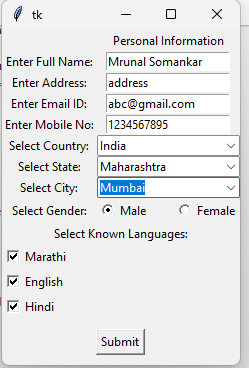
root.mainloop()

**Output:**

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