**Practical-2**

**Login Page:**

import tkinter

window = tkinter.Tk()

window.title("GUI")

tkinter.Label(window, text = "Email").grid(row = 0)

tkinter.Entry(window).grid(row = 0, column = 1)

tkinter.Label(window, text = "Password").grid(row = 1)

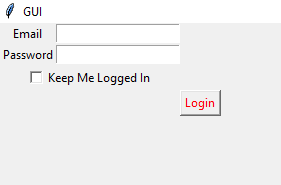
tkinter.Entry(window).grid(row = 1, column = 1)

tkinter.Checkbutton(window, text = "Keep Me Logged In").grid(columnspan = 2)

tkinter.Button(window, text = "Login", fg = "red").grid(column = 3)

window.mainloop()

output:



**Email Page:**

from tkinter import \*

import smtplib

f=Tk()

f.title("Gmail Gui")

send\_email=StringVar()

send\_pass=StringVar()

recv\_email=StringVar()

msg\_body=None

def layout():

menuBar=Menu(f)

menuBar.add\_command(label="Instruction",command=istruct)

f.config(menu=menuBar)

sender\_email=Label(f,text="Sender Gmail id:")

sender\_entry=Entry(f,textvariable=send\_email,bd=3)

sender\_pass=Label(f,text="Sender Gmail Pass:")

sender\_passentry=Entry(f,show='\*',textvariable=send\_pass,bd=3)

receiver\_email=Label(f,text="Receiver's Email:")

receiver\_email=Entry(f,textvariable=recv\_email,bd=3)

msg\_label=Label(f,text='Message')

global msg\_body

msg\_body=Text(f,height=5,width=15,bd=3)

send=Button(f,text='Send',width=15,command=mail,bd=3)

cancel=Button(f,text='Cancel',width=15,command=destroy,bd=3)

sender\_email.grid(row=0,column=0,padx=5,pady=3)

sender\_entry.grid(row=0,column=1,padx=5,pady=3)

sender\_pass.grid(row=1,column=0,padx=5,pady=3)

sender\_passentry.grid(row=1,column=1,padx=5,pady=3)

receiver\_email.grid(row=2,column=0,padx=5,pady=3)

receiver\_entry.grid(row=2,column=1,padx=5,pady=3)

msg\_label.grid(row=3,column=0,padx=5,pady=3)

msg\_body.grid(row=3,column=1,padx=5,pady=3)

send.grid(row=4,column=0,padx=5,pady=3)

cancel.grid(row=4,column=1,padx=5,pady=3)

f.mainloop()

def destroy():

f.destroy()

def msg\_box():

message.showinfo("Email Info","Mail Sent")

def instruct():

message.showinfo("Instruction","switch 'allow less secure apps' to ON from\nhttps://myaccount.google.com/u/0/security?hl=en&pli=1#connectedapps\nbefore using the app!!”)

def mail():

try:

if send\_email.get()=="" or send\_pass.get()=="" or recv\_emial.get()=="":

messagebox.showerror("Error","please enter the complete details.")

else:

server=smtplib.SMPT('smpt.gmail.com'.587)

server.starttls()

a=send\_email.get()

b=send\_pass.get()

c=msg\_body.get(‘1.0’,END)

d=recv\_email.get()

server.login(a,b)

server.sendmail(a,d,c)

server.close()

msg\_box()

except Exception as e:

print(e)

a=messagebox.askokcancel("Error","Read Instruction")

layout()

Output:

