**Question :\_Design the Tkinter GUI interface for sending the mail using Gmail. All students have to configure this problem with their own Gmail accounts and have to attach snapshots of received mail in their particular Gmail account by using this interface.**

from tkinter import \*

import smtplib

from email.mime.text import MIMEText

from email.mime.multipart import MIMEMultipart

from email.mime.base import MIMEBase

from email import encoders

root= Tk()

root.geometry('500x660')

root.title("Email Sending GUI")

Label\_0=Label(root, text="Set Your Account", width=20, fg="green", font=("bold",20))

Label\_0.place(x=90,y=33)

Label\_1=Label(root, text="Your Email Account:", width=20, font=("bold",10))

Label\_1.place(x=40,y=110)

#for getting entry input

Rmail=StringVar()

Rpswrd=StringVar()

Rsender=StringVar()

Rsubject=StringVar()

emailE=Entry(root, width=40, textvariable=Rmail)

emailE.place(x=200, y=110)

Label\_2=Label(root, text="Your Password:", width=20, font=("bold",10))

Label\_2.place(x=40,y=160)

passwordE=Entry(root, width=40, show="\*", textvariable=Rpswrd)

passwordE.place(x=200, y=160)

compose=Label(root, text="Compose", width=20, font=("bold",15))

compose.place(x=180,y=210)

Label\_3=Label(root, text="Sent To Email:", width=20, font=("bold",10))

Label\_3.place(x=40,y=260)

senderE=Entry(root, width=40, textvariable=Rsender)

senderE.place(x=200, y=260)

Label\_4=Label(root, text="Subject:", width=20, font=("bold",10))

Label\_4.place(x=40,y=310)

subjectE=Entry(root, width=40, textvariable=Rsubject)

subjectE.place(x=200, y=310)

Label\_5=Label(root, text="Message:", width=20, font=("bold",10))

Label\_5.place(x=40,y=360)

msgbodyE=Text(root, width=30, height=10)

msgbodyE.place(x=200, y=360)

def sendemail():

mymsg=MIMEMultipart()

mymsg['From']=str(Rmail.get())

mymsg['To']= str(Rsender.get())

mymsg['Subject']= str(Rsubject.get())

mymsg.attach(MIMEText(msgbodyE.get(1.0,'end'), 'plain'))

server=smtplib.SMTP('smtp.gmail.com', 587)

server.starttls()

server.login(str(Rmail.get()), str(Rpswrd.get()))

text=mymsg.as\_string()

server.sendmail(str(Rmail.get()), str(Rsender.get()), text)

Label\_6=Label(root, text="Done!", width=20,fg='green', font=("bold",15))

Label\_6.place(x=140,y=550)

server.quit()

Button(root,text="Send", width=20, bg='brown',fg="white", command=sendemail).place(x=180, y=590)

root.mainloop()