from tkinter import \*

from tkinter import ttk

import smtplib

import webbrowser

def sendemail():

try:

sender = account.get()

recepient = [receiver.get()]

sub = subject.get()

pswrd = password.get()

msg = msgbody.get('1.0','end')

msgtosend = """\

From: %s

To: %s

Subject: %s

%s

""" % (sender, recepient, sub, msg)

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

mail.starttls()

mail.login(sender, pswrd)

mail.sendmail(sender, recepient, msgtosend)

mail.close()

ttk.Label(mainframe, text="Email sent successfully").grid(column=4,row=9,sticky=W)

except Exception as e:

ttk.Label(mainframe, text=str(e)).grid(column=4,row=9,sticky=W)

def setup(event):

webbrowser.open\_new(r"https://www.google.com/settings/security/lesssecureapps")

root = Tk()

root.title("Send an Email via Gmail !!")

mainframe = ttk.Frame(root, padding="3 3 12 12")

mainframe.grid(column=0, row=0, sticky=(N, W, E, S))

mainframe.columnconfigure(0, weight=1)

mainframe.rowconfigure(0, weight=1)

account = StringVar()

password = StringVar()

receiver = StringVar()

subject = StringVar()

msgbody = StringVar()

a = Label(mainframe, text="To use this app turn this setting ON for your account", fg="blue", cursor="hand2")

a.grid(columnspan=2,column=3, row=0, sticky=W)

a.bind("<Button-1>", setup)

ttk.Label(mainframe, text="Your Email Account: ").grid(column=0, row=1, sticky=W)

account\_entry = ttk.Entry(mainframe, width=30, textvariable=account)

account\_entry.grid(column=4, row=1, sticky=(W, E))

ttk.Label(mainframe, text="Your Password: ").grid(column=0, row=2, sticky=W)

password\_entry = ttk.Entry(mainframe, show="\*", width=30, textvariable=password)

password\_entry.grid(column=4, row=2, sticky=(W, E))

ttk.Label(mainframe, text="Recepient's Email Account: ").grid(column=0, row=3, sticky=W)

receiver\_entry = ttk.Entry(mainframe, width=30, textvariable=receiver)

receiver\_entry.grid(column=4, row=3, sticky=(W, E))

ttk.Label(mainframe, text="Let's Compose").grid(column=2, row=5, sticky=W)

ttk.Label(mainframe, text="Subject: ").grid(column=0, row=6, sticky=W)

subject\_entry = ttk.Entry(mainframe, width=30, textvariable=subject)

subject\_entry.grid(column=4, row=6, sticky=(W, E))

ttk.Label(mainframe, text="Message Body: ").grid(column=0, row=7, sticky=W)

msgbody = Text(mainframe, width=30, height=10)

msgbody.grid(column=4, row=7, sticky=(W, E))

ttk.Button(mainframe, text="Send Email", command=sendemail).grid(column=4,row=8,sticky=E)

for child in mainframe.winfo\_children(): child.grid\_configure(padx=5, pady=5)

account\_entry.focus()

root.mainloop()