**OTP verification using Python**

from twilio.rest import Client

import random

from tkinter import\*

from tkinter import messagebox

class otp\_verifier(Tk):

def \_\_init\_\_(self):

super().\_\_init\_\_()

self.geometry("600x550")

self.resizable(False,False)

self.n=random.randint(10000,99999)

self.client=Client("ACbf74241191d8634d70a543e42b26ad0d","34af82e9785ad1ae47ed6b583caa843d")

self.client.messages.create(to=["+918530880491"],

from\_="+18065414265",

body=self.n)

def Labels(self):

self.c=Canvas(self,bg="white",width=400,height=280)

self.c.place(x=100,y=60)

self.Login\_Title=Label(self,text="OTP verification",font="bold,20",bg="white")

self.Login\_Title.place(x=210,y=90)

def Entry(self):

self.User\_Name=Text(self,borderwidth=2,wrap="word",width=29,height=2)

self.User\_Name.place(x=190,y=160)

def Buttons(self):

self.submitButtonImage=PhotoImage(file="Submitbutton.png")

self.submitButton=Button(self,image=self.submitButtonImage,command=self.checkOTP,border=0)

self.submitButton.place(x=218,y=240)

self.resendOTPImage=PhotoImage(file="resendOTP.png")

self.resendOTP=Button(self,image=self.resendOTPImage,command=self.resendOTP,border=0)

self.resendOTP.place(x=210,y=400)

def checkOTP(self):

try:

self.userInput=int(self.User\_Name.get(1.0,"end-1c"))

if self.userInput==self.n:

messagebox.showinfo("showinfo","Login Success")

self.n="done"

elif self.n=="done":

messagebox.showinfo("showinfo","already Entered the OTP")

else:

messagebox.showinfo("showinfo","Wrong OTP")

except:

messagebox.showinfo("showinfo","INVALID OTP")

def resendOTP(self):

self.n=random.randint(10000,99999)

self.client=Client("ACbf74241191d8634d70a543e42b26ad0d","34af82e9785ad1ae47ed6b583caa843d")

self.client.messages.create(to=["+918530880491"],

from\_="+18065414265",

body=self.n)

if \_\_name\_\_=="\_\_main\_\_":

window=otp\_verifier()

window.Labels()

window.Entry()

window.Buttons()

window.mainloop()