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from tkinter import *
import speech_recognition as speech

authorized = False
c = 1

def success():
    suc_screen = Tk()
    suc_screen.geometry("250x70")
    suc_screen.title("Logged In :)")
    Label(suc_screen, text='Successfully logged in', fg='green').pack()
    suc_screen.mainloop()

def failed():
    fail_screen = Tk()
    fail_screen.geometry("260x100")
    fail_screen.title("Failed to Login :(")
    Label(fail_screen, text='Your credentials are not correct',
fg='red').pack()
    Label(fail_screen, text='You have been locked out', fg='red').pack()
    fail_screen.mainloop()

def login():
    global c
    if authorized == True:
        login_screen.destroy()
        success()
    elif(c==3):
        login_screen.destroy()
        failed()
    else:
        message.set("Credentials not Authorized")
        c+=1

def Loginform():
    global login_screen
    login_screen = Tk()
    login_screen.title("Login")
    login_screen.geometry("200x95")
    global message
    message = StringVar()
    Label(login_screen, text="", textvariable=message).place(x=25, y=10)
    Button(login_screen, text="Authenticate", width=20, height=1, bg="orange",
command=COMMAND).place(x=25, y=40)
    login_screen.mainloop()

def COMMAND():

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global authorized
command = ''
voice = speech.Recognizer()
with speech.Microphone() as source:
    voice_command = voice.listen(source)
try:
    command = voice.recognize_google(voice_command)
except speech.UnknownValueError:
    print("Google Speech Recognition system could not understand your
instructions please give instructions carefully")
except speech.RequestError as e:
    print("Could not request results from Google Speech Recognition
service;

{0}".format(e))

if command == "Shreyas password password":
    authorized = True
elif command == "Archit password boom":
    authorized = True
elif command == "Ashish password bazooka":
    authorized = True
else:
    authorized = False
login()

if __name__ == '__main__':
    Loginform()

```

```

21 def login():
22     global c
23     if authorized == True:
24         login_screen.destroy()
25         success()
26     elif(c==3):
27         login_screen.destroy()
28         failed()
29     else:
30         message.set("Credentials not Authorized")
31         c+=1
32
33 def Loginform():
34     global login_screen
35     login_screen = Tk()
36     login_screen.title("Login")
37     login_screen.geometry("200x95")
38     global message
39     message = StringVar()
40     Label(login_screen, text="", textvariable=message).place(x=25, y=10)
41     Button(login_screen, text="Authenticate", width=20, height=1, bg="orange", command=COMMAND).place(x=25, y=40)
42     login_screen.mainloop()

```

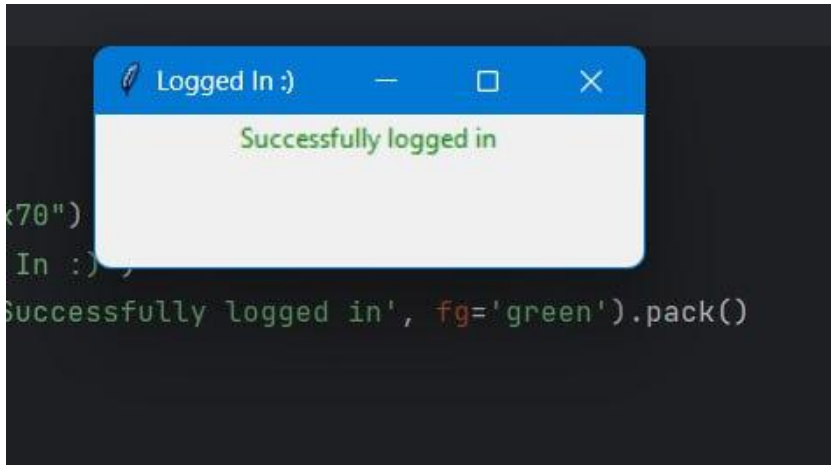
```

44 def COMMAND():
45     global authorized
46     command = ''
47     voice = speech.Recognizer()
48     with speech.Microphone() as source:
49         voice_command = voice.listen(source)
50     try:
51         command = voice.recognize_google(voice_command)
52     except speech.UnknownValueError:
53         print("Google Speech Recognition system could not understand your instructions please give instructions carefully")
54     except speech.RequestError as e:
55         print("Could not request results from Google Speech Recognition service; {0}".format(e))
56
57     if command == "Shreyas password password":
58         authorized = True
59     elif command == "Archit password boom":
60         authorized = True
61     elif command == "Ashish password bazooka":
62         authorized = True
63     else:
64         authorized = False
65     login()
66
67 if __name__ == '__main__':
68     Loginform()

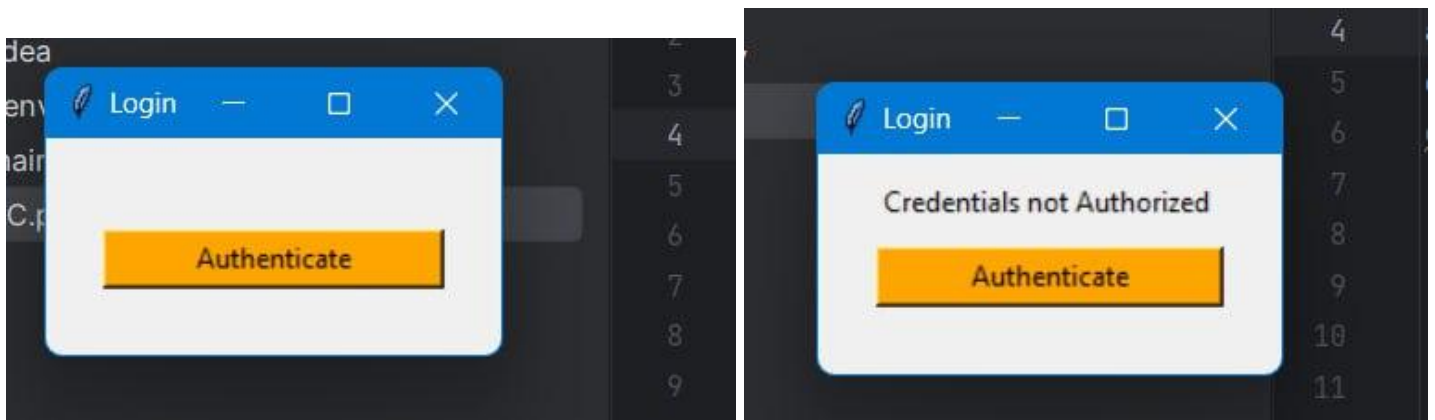
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## OUTPUT:

Success Window:



Authentication Window:



Failed Window:

