```python
1  #jack_chatbot(0.0.1)
2  # modules import
3  from tkinter import *
4  from tkinter import filedialog
5  from tkinter import ttk
6  from ttkthemes import themed_tk as tk
7  import tkinter.messagebox
8
9  from random import choice
10 import time
11 import datetime
12 import webbrowser
13
14 import win32com.client as wincl
15 speak = wincl.Dispatch("SAPI.SpVoice")
16
17 # for messagebox defination function
18 # need more documentation
19 def about_us():
20     tkinter.messagebox.showinfo('about me','Chabot jack 0.
   0.1 - Python3.8.0 By(sanjana dubey)\n PLEASE DO NOT USE
   PUNCTUATIONS AS THEY ARE NOT SUPPORTED YET !!')
21
22 def how_to_use():
23     tkinter.messagebox.showinfo('info!','1. hello   = ["hi
   ", "hello","whatsup","moshi moshi","hai"]\n2. weather = ["
   whats the weather today","weather","i feel cold","tenki
   dane","will it rain"]\n3. version = ["info","version","
   will you get updated"]\n4. help1 = ["help"]')
24
25 def click_on_image():
26     webbrowser.open_new_tab('documentation.html')
27
28 # inputs from users
29 hello   = ["hi", "hello","whatsup","moshi moshi","hai"]
30 weather = ["whats the weather today","weather","i feel
   cold","tenki dane","will it rain"]
31 version = ["info","version","will you get updated"]
32 help1 = ["help"]
33 doc = ["open documentation","documentation"]
34
35 # webbrowser.open("https://www.google.com")
36 # webbrowser.open_new_tab('documentation.html')
37
38 # outputs from jack
39 hello_out    = ["Hi, I'm jack", "Hello, it's jack.", "
```

```python
39 Hello to you too"]
40 weather_out = ["hmm, the temperature in your area is 26
   degree C","im not ready yet to know about weather"]
41 version_out = ["jack at 0.0.1 running on python","0.0.1"]
42 help1_out = ["see console"]
43 error = ["I do not know what you mean by that, enter help
   to know more about me.", "uhm, what does that mean.","I'm
   sorry, can you repeat again?","enter help to see what i
   can do"]
44
45 # window and string var


46 root = tk.ThemedTk()
47 root.get_themes()
48 root.set_theme("black")
49 user = StringVar()
50 bot  = StringVar()
51
52
53 # cosmetics
54 root.title("jack-Chatbot (0.0.1)(0.0.2)-increment")
55 statusbar = ttk.Label(root, text="Welcome to Chatbot with
   jack: Status NORMAL", relief=SUNKEN, anchor=W, font='Times
    10 italic')
56 statusbar.pack(side=BOTTOM, fill=X)
57
58 menubar = Menu(root)
59 root.config(menu=menubar)
60 subMenu = Menu(menubar, tearoff=0)
61 menubar.add_cascade(label="File", menu=subMenu)
62 subMenu.add_command(label="Exit", command=Tk.destroy)
63 subMenu.add_command(label="More Options Soon!")
64
65 subMenu = Menu(menubar, tearoff=0)
66 menubar.add_cascade(label="Help", menu=subMenu)
67 subMenu.add_command(label="About Us", command=about_us)
68 subMenu.add_command(label="How to Use?", command=
   how_to_use)
69
70 src = PhotoImage(file='src/logo.png')
71 src1 = ttk.Button(root, image=src, command=click_on_image)
72 src1.pack(side=LEFT)
73 Label(root, text=" user : ",fg="green").pack(side=LEFT
   )
74 Entry(root, textvariable=user).pack(side=LEFT,ipadx=20
```

```python
74  )
75  Label(root, text=" Bot   : ",fg="blue").pack(side=LEFT
    )
76  Entry(root, textvariable=bot).pack(side=LEFT,ipadx=20
    )
77
78
79  def main():
80      statusbar.config(text="Welcome to Chatbot with jack:
    Status NORMAL")
81      file1=open("bash.jack","a")
82      datatime=str(datetime.datetime.now()) #run date $
    time
83      file1.write("\n new data collection: ")
84      file1.write(datatime)
85      file1.write("  *********************\n\n")
86      file2=open("error.jack","a")
87      bot.set("welcome to jack")
88      question = user.get()
89      file1.write("\n")
90      if question in hello:
91          output=choice(hello_out)
92          file1.write("user: ")
93          file1.write(question)
94          file1.write("\njack: ")
95          file1.write(output)
96          bot.set(output)
97          time.sleep(1)
98          speak.Speak(output)
99      elif question in weather:
100         output=choice(weather_out)
101         file1.write("user: ")
102         file1.write(question)
103         file1.write("\njack: ")
104         file1.write(output)
105         bot.set(output)
106         time.sleep(1)
107         speak.Speak(output)
108     elif question in version:
109         output=choice(version_out)
110         file1.write("user: ")
111         file1.write(question)
112         file1.write("\njack: ")
113         file1.write(output)
114         bot.set(output)
115         time.sleep(1)
```

```python
116          speak.Speak(output)
117     elif question in help1:
118          output=choice(help1_out)
119          print(" to say hi: ",hello,"\n","weatherinfo: ",
     weather,"\n","version: ",version)
120          bot.set(output)
121          time.sleep(1)
122          speak.Speak(output)
123     elif question in doc:
124          bot.set("See documentation, opening browser")
125          speak.Speak("See documentation, opening browser")
126          webbrowser.open_new_tab('documentation.html')
127     else:
128          datatime_error=str(datetime.datetime.now())
129          file2.write("\ndatetime: ")
130          file2.write(datatime_error)
131          file2.write(" - - - - ")
132          file2.write("\nuser: ")
133          file2.write(question)
134          file2.write("\n- - - - -- -\n")
135          output=choice(error)
136          statusbar.config(text="Welcome to Chatbot with
     jack: Status UNKNOWN")
137          bot.set(output)
138          time.sleep(1)
139          speak.Speak(output)
140     file1.close()
141     file2.close()
142
143 Button(root, text="| C H A T |",fg="red", command=main).
     pack(side=LEFT)
144
145
146
147
148 mainloop()
149
```