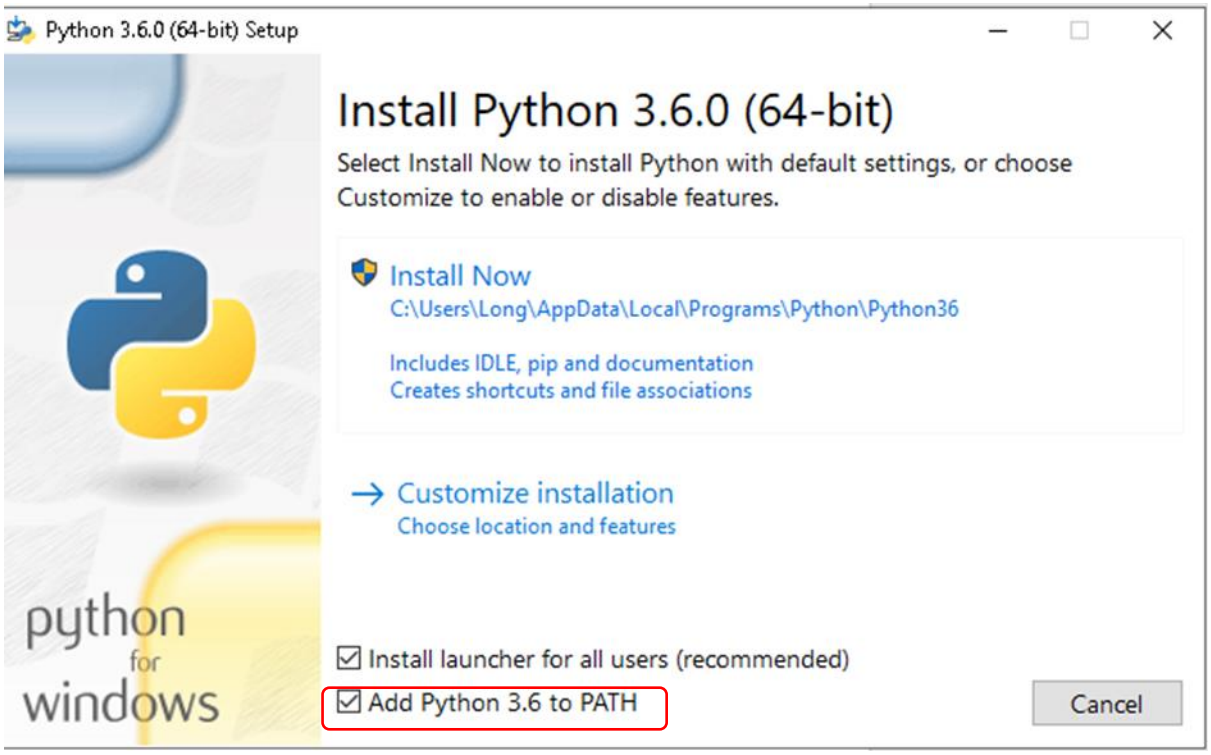
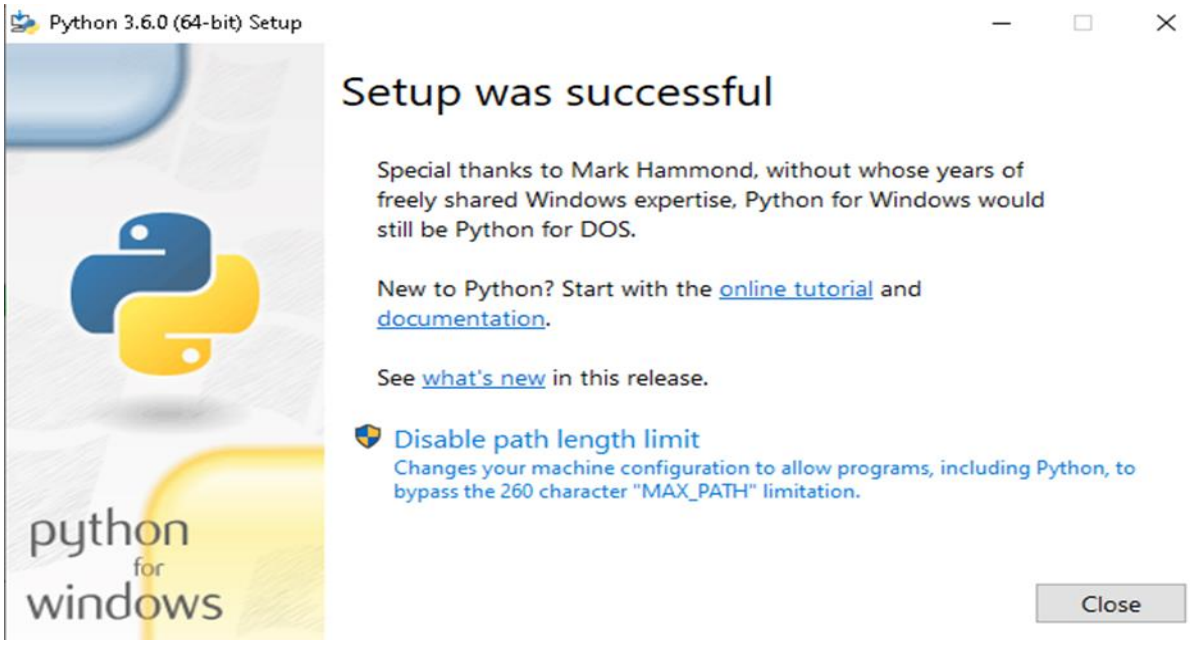
Requirements:

Firstly, Python v3.6 to 3.8 will need to be installed on the appropriate machine at https://www.python.org/downloads/ (Ensure to add python to PATH when installing by ticking the box “add to PATH”)

Please note, the machine that will be used to run this program should be a 64-bit machine with the windows 10 operating system on it, in order to avoid possible errors.



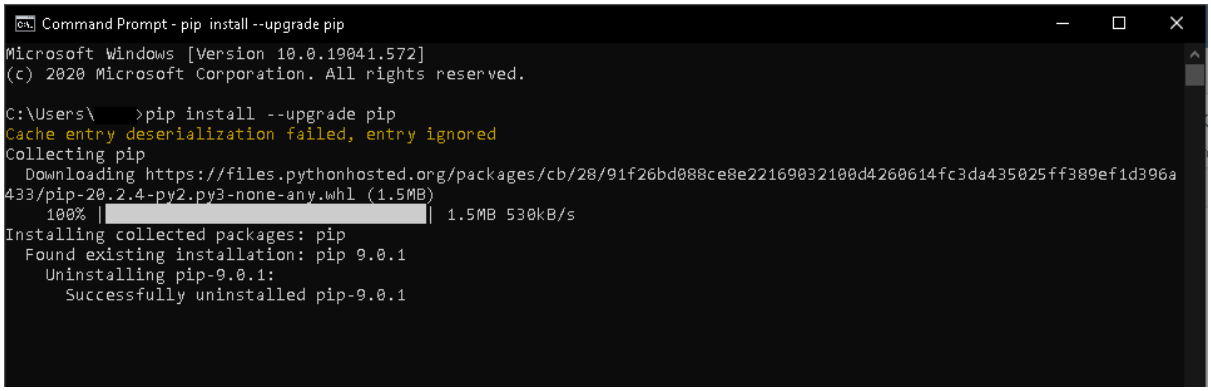
Upon completion the following screen should emerge



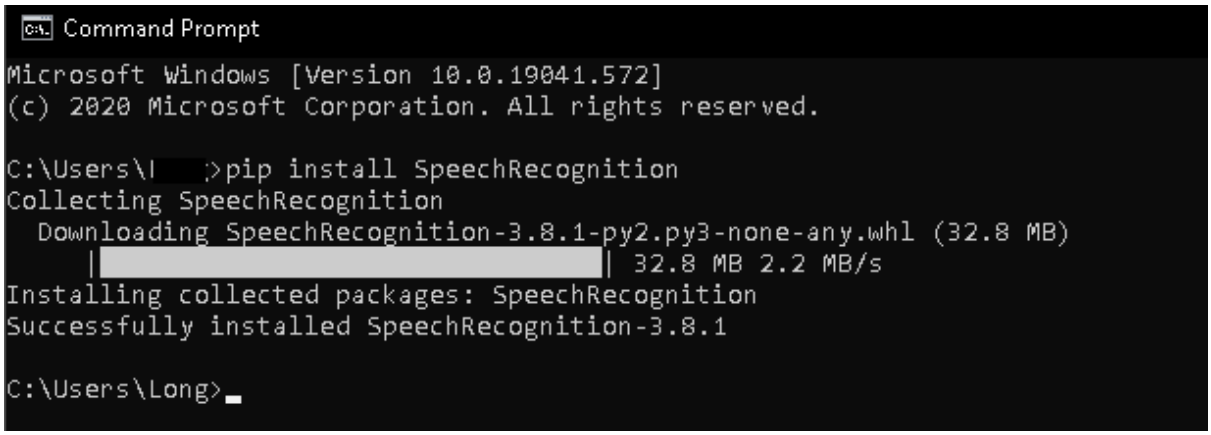
If the above conditions are met, proceed with the following requirements in order to get the Smartbot in working order.

Open the command prompt as administrator (or press start and search ‘cmd’ then press enter)

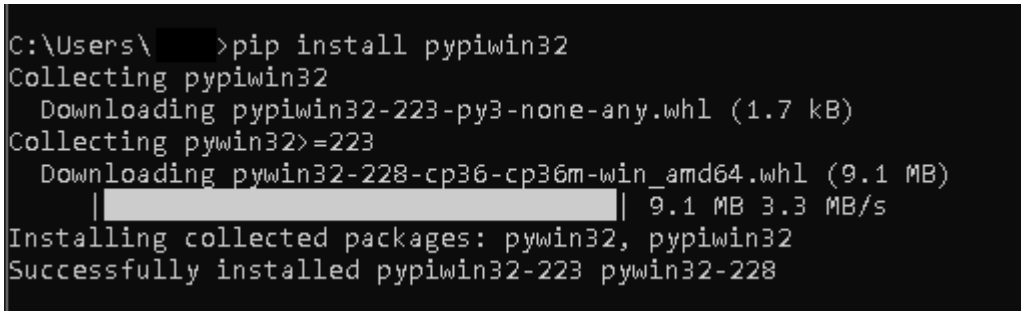
Type in the following command to ensure pip is up to date ‘pip install --upgrade pip’



Next type in ‘pip install SpeechRecognition’



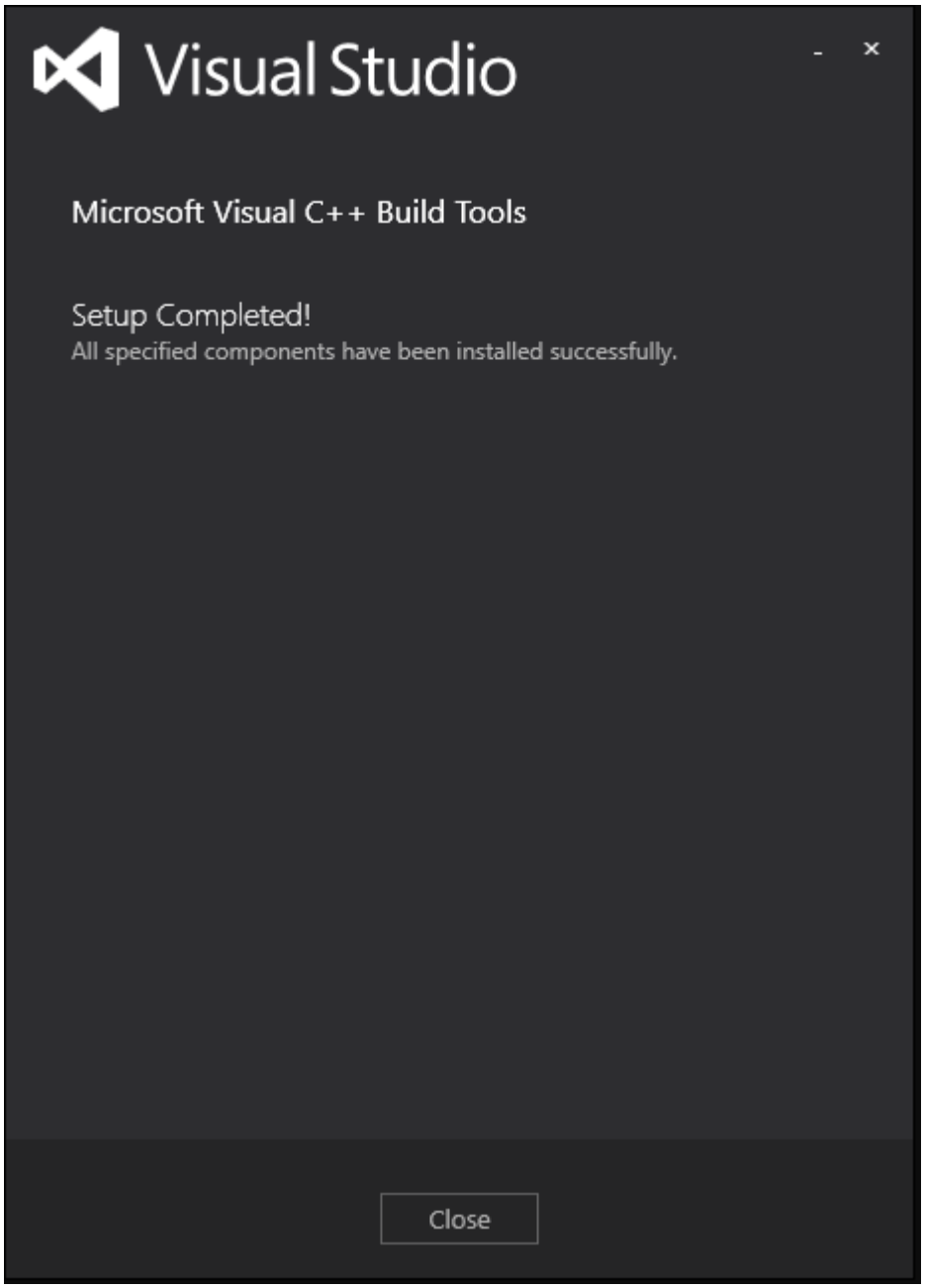
Then type in ‘pip install pypiwin32’



Then install visual C++ build tools 2015 from the following link
https://go.microsoft.com/fwlink/?LinkId=691126

Open the exe file, and proceed with the default setup, and then press install

If installed correctly, the following screen should show



After the program has been installed, head to the following link https://www.lfd.uci.edu/~gohlke/pythonlibs/#pyaudio and download the file that satisfies the version of python you're using.

Example: If you're using python 3.7 and your python version is 64 bit,

download: "PyAudio-0.2.11-cp37-cp37m-win_amd64.whl" however if you're using python 3.6 and your python version is 64 bit,

download: "PyAudio-0.2.11-cp36-cp36m-win_amd64.whl"

PyAudio: bindings for the PortAudio library.
Includes ASIO, DS, WMME, WASAPI, WDMKS support.

PyAudio-0.2.11-cp39-cp39-win_amd64.whl
PyAudio-0.2.11-cp39-cp39-win32.whl
PyAudio-0.2.11-cp38-cp38-win_amd64.whl
PyAudio-0.2.11-cp38-cp38-win32.whl
PyAudio-0.2.11-cp37-cp37m-win_amd64.whl
PyAudio-0.2.11-cp37-cp37m-win32.whl
PyAudio-0.2.11-cp36-cp36m-win_amd64.whl
PyAudio-0.2.11-cp36-cp36m-win32.whl
PyAudio-0.2.11-cp35-cp35m-win_amd64.whl
PyAudio-0.2.11-cp35-cp35m-win32.whl
PyAudio-0.2.11-cp34-cp34m-win_amd64.whl
PyAudio-0.2.11-cp34-cp34m-win32.whl
PyAudio-0.2.11-cp27-cp27m-win_amd64.whl
PyAudio-0.2.11-cp27-cp27m-win32.whl

PyBluez: a wrapper around system Bluetooth resources.

Then go back to the command prompt and type in ‘pip install PyAudio’

```
C:\Users\    >pip install PyAudio
Collecting PyAudio
  Downloading PyAudio-0.2.11-cp36-cp36m-win_amd64.whl (52 kB)
     |████████████████████████████████| 52 kB 2.0 MB/s
Installing collected packages: PyAudio
Successfully installed PyAudio-0.2.11
```

Next type in ‘pip install requests’

```
C:\Users\    >pip install requests
Collecting requests
  Downloading requests-2.24.0-py2.py3-none-any.whl (61 kB)
     |████████████████████████████████| 61 kB 2.3 MB/s
Collecting certifi>=2017.4.17
  Downloading certifi-2020.6.20-py2.py3-none-any.whl (156 kB)
     |████████████████████████████████| 156 kB 6.4 MB/s
Collecting chardet<4,>=3.0.2
  Downloading chardet-3.0.4-py2.py3-none-any.whl (133 kB)
     |████████████████████████████████| 133 kB 6.4 MB/s
Collecting urllib3!=1.25.0,!=1.25.1,<1.26,>=1.21.1
  Downloading urllib3-1.25.11-py2.py3-none-any.whl (127 kB)
     |████████████████████████████████| 127 kB 3.3 MB/s
Collecting idna<3,>=2.5
  Downloading idna-2.10-py2.py3-none-any.whl (58 kB)
     |████████████████████████████████| 58 kB 4.1 MB/s
Installing collected packages: certifi, chardet, urllib3, idna, requests
Successfully installed certifi-2020.6.20 chardet-3.0.4 idna-2.10 requests-2.24.0 urllib3-1.25.11
```

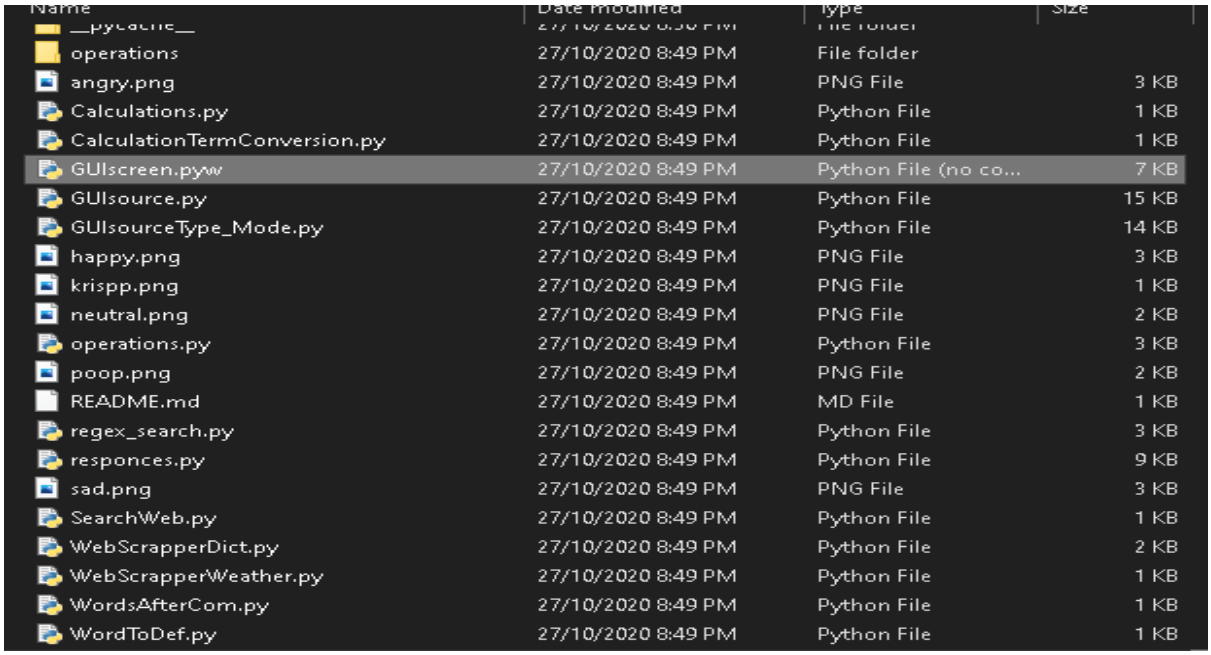
Lastly, type in ‘pip install bs4’

```
C:\Users\    >pip install bs4
Collecting bs4
  Downloading bs4-0.0.1.tar.gz (1.1 kB)
Collecting beautifulsoup4
  Downloading beautifulsoup4-4.9.3-py3-none-any.whl (115 kB)
     |████████████████████████████████| 115 kB 3.2 MB/s
Collecting soupsieve>1.2; python_version >= "3.0"
  Downloading soupsieve-2.0.1-py3-none-any.whl (32 kB)
Using legacy 'setup.py install' for bs4, since package 'wheel' is not installed.
Installing collected packages: soupsieve, beautifulsoup4, bs4
    Running setup.py install for bs4 ... done
Successfully installed beautifulsoup4-4.9.3 bs4-0.0.1 soupsieve-2.0.1
```

Now the Smartbot should be able to run without error

Running the program:

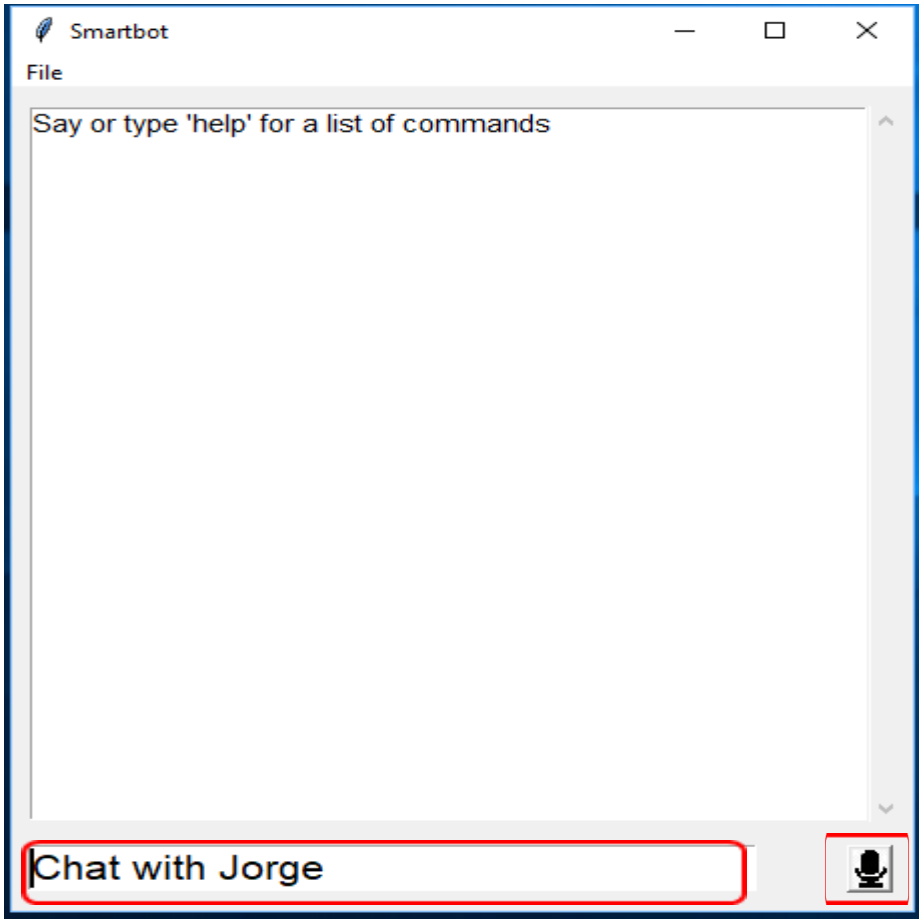
To run the program, simply open the GUIscreen.pyw file and then a GUI window will pop up



Name	Date modified	Type	Size
operations	27/10/2020 8:49 PM	File folder	
angry.png	27/10/2020 8:49 PM	PNG File	3 KB
Calculations.py	27/10/2020 8:49 PM	Python File	1 KB
CalculationTermConversion.py	27/10/2020 8:49 PM	Python File	1 KB
GUIscreen.pyw	27/10/2020 8:49 PM	Python File (no co...	7 KB
GUIsource.py	27/10/2020 8:49 PM	Python File	15 KB
GUIsourceType_Mode.py	27/10/2020 8:49 PM	Python File	14 KB
happy.png	27/10/2020 8:49 PM	PNG File	3 KB
krispp.png	27/10/2020 8:49 PM	PNG File	1 KB
neutral.png	27/10/2020 8:49 PM	PNG File	2 KB
operations.py	27/10/2020 8:49 PM	Python File	3 KB
poop.png	27/10/2020 8:49 PM	PNG File	2 KB
README.md	27/10/2020 8:49 PM	MD File	1 KB
regex_search.py	27/10/2020 8:49 PM	Python File	3 KB
responces.py	27/10/2020 8:49 PM	Python File	9 KB
sad.png	27/10/2020 8:49 PM	PNG File	3 KB
SearchWeb.py	27/10/2020 8:49 PM	Python File	1 KB
WebScrapperDict.py	27/10/2020 8:49 PM	Python File	2 KB
WebScrapperWeather.py	27/10/2020 8:49 PM	Python File	1 KB
WordsAfterCom.py	27/10/2020 8:49 PM	Python File	1 KB
WordToDef.py	27/10/2020 8:49 PM	Python File	1 KB

Press the microphone symbol and you may speak to the bot or type to the bot by typing into the filed “Chat with Jorge”

(Ask the bot ‘help’ for a list of commands)



Commands:

Type mode

A normal conversation can be carried out with the bot, this must be done via typing in the field Chat with Jorge

example type... **[whats up]**

[hows your day]

[sing me a song]

Speech mode

A normal conversation can be carried out with the bot, this must be conducted using voice by pressing the microphone button

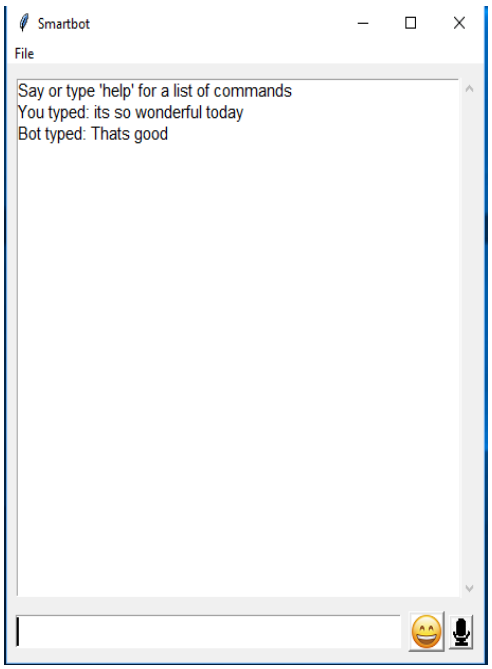
example speak... **[hello there]**

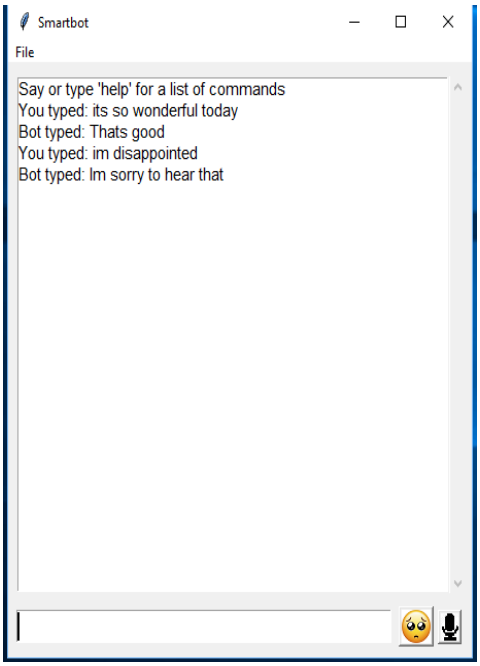
[hows it going]

[who is your creator]

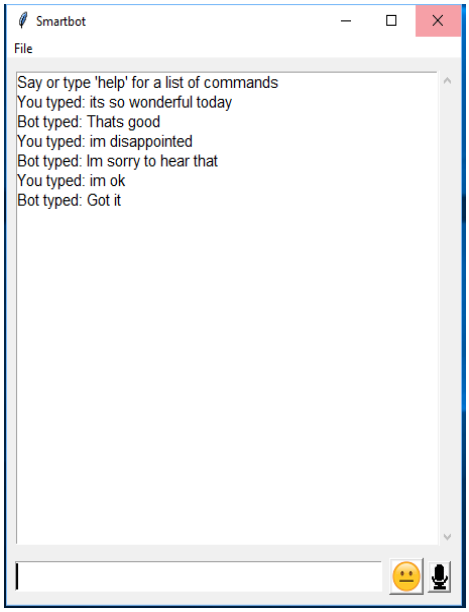
Emotion

After any phrase is said or typed, the emotion of the phrase will be analysed with an emoji

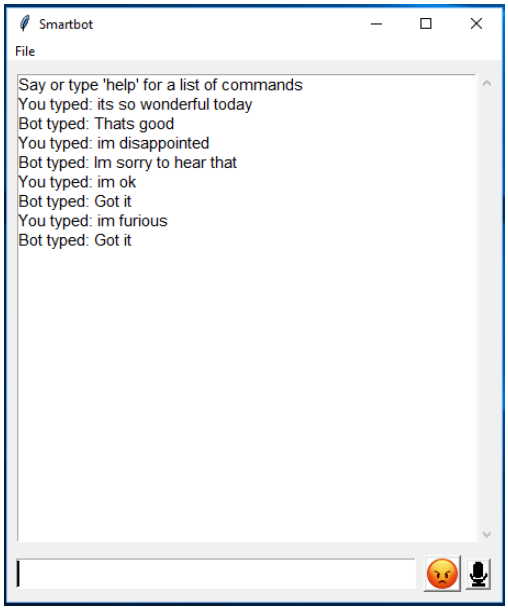




Happy Sad



Neutral



Angry

Special Functions

[search: phrase] Searches the web for the phrase entered (Must have google chrome)

[calculate: x | x] Calculates a series of calculations (words like multiply can be used, numbers must be typed in number form)

[hibernate pc] Hibernates the pc

[shutdown pc/ shut pc] Shuts down the pc after 20 seconds

[abort] (aborts any shutdown in progress) Aborts any shutdown thats scheduled

[whats the weather] Displays the weather

[whats the time] Displays the time

[whats the day] Displays the day

[whats the date] Displays the date

[get drunk] Gives the bot a drunk voice

[sober up] Removes the bots drunk voice and speaks as normal

[help] Lists helpful commands