Jarvis

**Jarvis is an intelligent chatbot developed by a team of 4:**

* Ziad Ahmed ElKady 202001598
* Eslam Ahmed Mohamed 202000039
* Anas Ahmed Hassan Sayed 202000005
* Youssef Hisham Abd elwahab 202000543

CSCI 201-5A

**Instructions on how to use Jarvis:**

First install the needed Libraries:   
1-wikipedia  
**Wikipedia** is a Python library that makes it easy to access and parse data from Wikipedia  
link: [GitHub - goldsmith/Wikipedia: A Pythonic wrapper for the Wikipedia API](https://github.com/goldsmith/Wikipedia)  
2- covid  
Python package to get information regarding the novel corona virus provided by Johns Hopkins university and worldometers.info  
link: [Covid (ahmednafies.github.io)](https://ahmednafies.github.io/covid/)  
3- pyttsx3  
a text-to-speech conversion library in Python. Unlike alternative libraries, **it works offline**.  
link: [GitHub - nateshmbhat/pyttsx3: Offline Text To Speech synthesis for python](https://github.com/nateshmbhat/pyttsx3)  
4- wolfram alpha  
Python Client built against the Wolfram|Alpha v2.0 API, we made an API request from the website to create the client. Then , we send queries, which return Result objects.  
link: [GitHub - jaraco/wolframalpha](https://github.com/jaraco/wolframalpha)

4- PyQt5  
PyQt5 is a professional library that we used to make our GUI

link: <https://pypi.org/project/PyQt5/>

**Type the following in the terminal to install those libraries:**

pip install wolframalpha wikipedia pyttsx3 covid PyQt5

**Try asking Jarvis this stuff:**

* Recommend a movie
* Encode a message using Caesar cypher
* Decode a message using Caesar cypher
* Covid-19 information of every country
* Search or calculate anything (*Jarvis will search for the answer on Wolfram alpha or Wikipedia*)
* Ask it questions such as: Rhonda has 12 marbles more than Douglas. Douglas has 6 marbles more than Bertha. Rhonda has twice as many marbles as Bertha has. How many marbles does Douglas have?

