# Description of my program:

This program is a digital virtual assistant that can complete specific series of tasks trough speech. When given the commands, the artificial intelligence will response the results in audio as well display the results in text.

# How to operate the program:

A microphone is needed to operate the program. Once the requirements are met, the following command can be executed through the microphone:

“**What’s your name**” the virtual assistant will answer its name

“**What’s today temperature**” the temperature of the current location will be given. Currently, the default API is Boston, US.

“**What’s today’s date**” The format of the date will be given as Fri, May 01, 2020

“**What’s time is it**” The format of the time will be given as 05:10:PM

“**Open browser**” This command has two sequences, first it will open the operating system default browser, then the virtual assistant will ask “What website would you like to visit?” specify any website of your choice, for example “Facebook.com” the virtual assistant will open the browser and redirect to facebook.com

**“Search”** This command has also two sequences as the previous one. When given the command the virtual assistant will answer “What do you want to search for ?” any response will get copy to the google search bar and the result will be displayed.

“**Tell me a Joke**” A random joke will be selected.

“**Exit**” To exit the code or shut down the program.

# Additional steps to improve the program

The project can be expanded with more command lines, modules and API. As a right now, it satisfies my current needs. However, my projection for this program is to improve it in a foresee future. If I had more time, resources and knowledge in programing , I would add the ability to use my computer through voice commands. I could see myself writing essays, articles without the need of a keyboard as well as executing application without using a mouse.