

Libraries used:

- Speech_recognition (known as "sr")
- Pyttsx3 (text-to-speech model)
- Pywhatkit (command executioner)
- Datetime
- Wikipedia
- Pyjokes

Code Summary:

16: Initializing sr as a variable called "listener".

17: Initializing pyttsx3 as "engine".

18: Stating a property of "engine" as "voices".

19: Identifying what is wanted from the property of "engine".

25: Defining a function "take_command".

27: Uses a microphone for input, and labels it as "source".

29: Listens to what was said and calls it "voice".

30: Transforms "voice" into text and saves the result in a variable called "command".

36: Returns "command" from inside the function.

38: Defining a function called "run_artemis".

39: Executes "take_command" within the "run_artemis".

42: If your "command" has the word 'play' in it...

43: It will open a requested video related to what was said in your "command".

47: If "command" had the word "time" in it...

48: It will tell you the time, in 24 hour format (can be changed).

56: If the "command" had 'who is' or 'what is'...

59 - 61: Tells you about the wikipedia page on the related topic.

63: If "command" had the word 'joke' in it...

64 - 66: Tells you a joke from the pyjokes library.

69: If no keywords were recognized, you will be prompted to repeat your request.

72: "run_artemis" is activated.