import speech\_recognition as sr

from sys import exit

import pyttsx3

import TimerTry

import webbrowser

# Initialize the recognizer

r = sr.Recognizer()

# Function to convert text to speech

def SpeakText(command):

# Initialize the engine

engine = pyttsx3.init()

engine.say(command)

engine.runAndWait()

# Loop infinitely, speak infinitely.

while (1):

try:

# Set up your microphone as source of input

# // Use sr.Microphone.list\_microphone\_names()

# to know the index of you microphone do you have //

mic = sr.Microphone(device\_index=0)

with mic as source:

# Wait for a second to let the recognizer adjust the energy threshold based on

# the surrounding noise level

r.adjust\_for\_ambient\_noise(source, duration=0.2)

# Listen the user input

audio = r.listen(source)

# Recognize audio with google

MyText = r.recognize\_google(audio)

MyText = MyText.lower()

print("You said: ", r.recognize\_google(audio))

SpeakText(MyText)

##################################################

#### Feel Free to add more command after that ####

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if 'yes' in MyText:

print("Test Passed!")

# If you said open a reminder (my other script) the script will open the other program. (feel free to try with your own script)

elif 'open a reminder' in MyText:

TimerTry.todaysDate()

# This next few line of code will open spesific task (according with what you will say) feel free to add more command.

elif 'open facebook' in MyText:

webbrowser.open('http://facebook.com')

elif 'open ig' in MyText:

webbrowser.open('http://instagram.com')

elif 'open cisco' in MyText:

webbrowser.open('http://cisco.com')

# Here if you say stop in your sentence (exemple: can you please STOP the program #AlwaysBeKind, the script will stop.

elif 'stop' in MyText:

print("Test Passed!")

exit(0)

else:

pass

except sr.RequestError as e:

print("Could not request results; {0}".format(e))

# If your speech is not clear.

except sr.UnknownValueError:

print("unknown error occured")