import pyttsx3

import speech\_recognition as sr

import keyboard

engine = pyttsx3.init('sapi5')

voices = engine.getProperty('voices')

*#print(voices)*

engine.setProperty('voices' , voices[1].id)

engine.setProperty('rate' , 180)

def speak(audio):

    engine.say(audio)

    print(audio)

    print("   ")

    engine.runAndWait()

def takeCommand():

*#It takes microphone input from the user and returns string output*

    r = sr.Recognizer()

    with sr.Microphone() as source:

        print("Listening...")

        r.pause\_threshold = 0.5

        r.phrase\_threshold = 2

        audio = r.listen(source)

    try:

        print("Recognizing...")

        query = r.recognize\_google(audio, language='en-in') *#Using google for voice recognition.*

        print(f"User said: {query}\n")  *#User query will be printed.*

    except Exception as e:

*# print(e)*

        print("Say that again please...")   *#Say that again will be printed in case of improper voice*

        return "None" *#None string will be returned*

    return query

if \_\_name\_\_ == "\_\_main\_\_":

        query = takeCommand().lower()

        x = list(query)

        keyboard.press(x)