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In [ ]: import speech_recognition as sr
         import webbrowser
In [ ]: | sr.Microphone(device_index=1)
        a = sr.Recognizer()
In [ ]: #anything below the threshold is considered as silence
         a.energy_threshold = 5000
In [ ]: | #For microphone reading the audio
        with sr.Microphone() as source:
            print("What do you want to search?")
            audio = a.listen(source)
            try:
                text = a.recognize_google(audio)
                                                              #Recognize whatever that
         is said
                 print('You searched for : '.format(text))
                url = 'https://www.google.com/search?q='
                                                              #Initial url is common fo
         r every search
                 search url = url + text
                                                              #Gives the entire query
                webbrowser.open(search_url)
                                                              #Opens the web browser to
         search for query
            except:
                 print('Couldn\'t recognize!')
In [ ]:
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