In [1]:

```
pip install SpeechRecognition
```

Requirement already satisfied: SpeechRecognition in c:\users\sakthiraj s\a
naconda3\lib\site-packages (3.10.0)
Requirement already satisfied: requests>=2.26.0 in c:\users\sakthiraj s\an
aconda3\lib\site-packages (from SpeechRecognition) (2.28.1)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\sakthiraj s
\anaconda3\lib\site-packages (from requests>=2.26.0->SpeechRecognition) (2
022.12.7)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\sakthiraj
s\anaconda3\lib\site-packages (from requests>=2.26.0->SpeechRecognition)
(1.26.14)
Requirement already satisfied: idna<4,>=2.5 in c:\users\sakthiraj s\anacon
da3\lib\site-packages (from requests>=2.26.0->SpeechRecognition) (3.4)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\sakthi
raj s\anaconda3\lib\site-packages (from requests>=2.26.0->SpeechRecognitio
n) (2.0.4)
Note: you may need to restart the kernel to use updated packages.

In [2]:

```
pip install PyAudio
```

Requirement already satisfied: PyAudio in c:\users\sakthiraj s\anaconda3\l
ib\site-packages (0.2.13)
Note: you may need to restart the kernel to use updated packages.

In [3]:

```
import speech_recognition as sr
```

In [4]:

```
pip install SpeechRecognition
```

Requirement already satisfied: SpeechRecognition in c:\users\sakthiraj s\a
naconda3\lib\site-packages (3.10.0)
Requirement already satisfied: requests>=2.26.0 in c:\users\sakthiraj s\an
aconda3\lib\site-packages (from SpeechRecognition) (2.28.1)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\sakthi
raj s\anaconda3\lib\site-packages (from requests>=2.26.0->SpeechRecognitio
n) (2.0.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\sakthiraj
s\anaconda3\lib\site-packages (from requests>=2.26.0->SpeechRecognition)
(1.26.14)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\sakthiraj s
\anaconda3\lib\site-packages (from requests>=2.26.0->SpeechRecognition) (2
022.12.7)
Requirement already satisfied: idna<4,>=2.5 in c:\users\sakthiraj s\anacon
da3\lib\site-packages (from requests>=2.26.0->SpeechRecognition) (3.4)
Note: you may need to restart the kernel to use updated packages.

In [5]:

```python
#import library
import speech_recognition as sr
# # Initialize recognizer class (for recognizing the speech)
r = sr.Recognizer()
# # Reading Microphone as source
# # listening the speech and store in audio_text variable
with sr.Microphone() as source:
    print("Talk")
    audio_text = r.listen(source)
    print("Time over, thanks")
# recoginize_() method will throw a request error if the API is unreachable, hence using


    try:
        # using google speech recognition
        print("Text: "+r.recognize_google(audio_text))
    except:
        print("Sorry, I did not get that")
```

```
Talk
Time over, thanks
Text: hello how are you I am fine
```

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