Speech To Text Converter

* Speech Recognition (Web Speech API) :-

The **Speech Recognition** interface of the [Web Speech API](https://developer.mozilla.org/en-US/docs/Web/API/Web_Speech_API) is the controller interface for the recognition service; this also handles the Speech Recognition Event sent from the recognition service.

Reference link : - <https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognition>.

* recognition.interimResults = true

The **interimResults** property of the [Speech Recognition](https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognition) interface controls whether interim results should be returned (true) or not (false.) Interim results are results that are not yet final (e.g. the [SpeechRecognitionResult.isFinal](https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognitionResult/isFinal) property is false.)

The default value for **interim Results** is false.

Reference link : - <https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognition>.

* speechrecognition.start()

The **start()** method of the [Web Speech API](https://developer.mozilla.org/en-US/docs/Web/API/Web_Speech_API) starts the speech recognition service listening to incoming audio with intent to recognize grammars associated with the current [SpeechRecognition](https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognition).

Reference link : - <https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognition/start>

* speechrecognition.stop()

The **stop()** method of the [Web Speech API](https://developer.mozilla.org/en-US/docs/Web/API/Web_Speech_API) stops the speech recognition service from listening to incoming audio, and attempts to return a [SpeechRecognitionResult](https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognitionResult) using the audio captured so far.

Reference link : - <https://developer.mozilla.org/en-US/docs/Web/API/SpeechRecognition/stop>

**Browser compatibility:**

Reference link : - https://developer.mozilla.org/en-US/docs/Web/API/Web\_Speech\_API#browser\_compatibility