Text to Speech

```python
In [1]:  from azure.cognitiveservices.speech import AudioDataStream, SpeechConfig, SpeechSynthesizer, SpeechSynthesisOutp
         from azure.cognitiveservices.speech.audio import AudioOutputConfig
```

```python
In [2]:  speech_config = SpeechConfig(subscription="ce657f655a054aaa8dd50415958d8755", region="centralindia")
```

Storing audio in a wav file

```python
In [28]:  # To specify how output results should be handled
          audio_config = AudioOutputConfig(filename=r"C:\Users\Jaswanth Reddy\Downloads\empty_1c.wav")
```

```python
In [22]:  synthesizer = SpeechSynthesizer(speech_config=speech_config, audio_config=audio_config)
          synthesizer.speak_text_async("Hi Jaswanth Reddy how are you and welcome to text to speech using microsoft azure"
```

Out[22]: <azure.cognitiveservices.speech.ResultFuture at 0x26e40d650a0>

To listen audio through speaker

```python
In [23]:  # Specifying how output results should be handled(Speaker)
          audio_config = AudioOutputConfig(use_default_speaker=True)
```

```python
In [24]:  synthesizer = SpeechSynthesizer(speech_config=speech_config, audio_config=audio_config)
          synthesizer.speak_text_async("I love you Jaswanth Reddy")
```

Out[24]: <azure.cognitiveservices.speech.ResultFuture at 0x26e40d654c0>

Stroing audio in a mp3 format

In [26]:
```python
# To specify how output results should be handled
audio_config = AudioOutputConfig(filename=r"C:\Users\Jaswanth Reddy\Downloads\empty.mp3")
```

In [27]:
```python
synthesizer = SpeechSynthesizer(speech_config=speech_config, audio_config=audio_config)
synthesizer.speak_text_async("Hi Jaswanth Reddy how are you and welcome to text to speech using microsoft azure"
```

Out[27]: <azure.cognitiveservices.speech.ResultFuture at 0x26e40d65ac0>

In [ ]: