

Installation of pyttsx3.

In [1]: `!pip install pyttsx3`

```
Collecting pyttsx3
  Downloading pyttsx3-2.90-py3-none-any.whl (39 kB)
Collecting pypiwin32
  Downloading pypiwin32-223-py3-none-any.whl (1.7 kB)
Requirement already satisfied: pywin32 in c:\users\adnan\anaconda3\lib\site-packages (from pyttsx3) (227)
Requirement already satisfied: comtypes in c:\users\adnan\anaconda3\lib\site-packages (from pyttsx3) (1.1.9)
Installing collected packages: pypiwin32, pyttsx3
Successfully installed pypiwin32-223 pyttsx3-2.90
```

Converting text to speech.(Normal)

In [2]:

```
import pyttsx3
mytext=pyttsx3.init()
fh=open("English story.txt")
ip=fh.read()
mytext.say(ip)
mytext.runAndWait()
```

Modifying voice,pitch/intensity and speed variation

1.Change the Voice

In []:

```
import pyttsx3
mytext=pyttsx3.init()
fh=open("English story.txt")
ip=fh.read()
fh.close()
voices=mytext.getProperty('voices')
mytext.setProperty('voice', voices[1].id) #[0 for male and 1 for female]
mytext.save_to_file(ip,"English story.mp3") #saves the audio file
mytext.say(ip) #speaks
mytext.runAndWait()
```

2.Changing pitch/intensity

In []:

```
import pyttsx3
mytext=pyttsx3.init()
fh=open("English story.txt")
ip=fh.read()
fh.close()
```

```
mytext.setProperty('volume',0.3) #[between 0 and 1('o-mute' and '1-high')]  
mytext.save_to_file(ip,"English story.mp3")  
mytext.say(ip)  
mytext.runAndWait()
```

3. Changing speed

In []:

```
import pytsx3  
mytext=pytsx3.init()  
fh=open("English story.txt")  
ip=fh.read()  
fh.close()  
mytext.setProperty('rate',300) #[can be given as per requirement]  
mytext.save_to_file(ip,"English story.mp3")  
mytext.say(ip)  
mytext.runAndWait()
```

Saving the audio file

In [5]:

```
import pytsx3  
mytext=pytsx3.init()  
fh=open("English story.txt")  
ip=fh.read()  
fh.close()  
mytext.save_to_file(ip,"English story.mp3")  
mytext.runAndWait()
```