

```
pip install gtts
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Collecting gtts
  Downloading gtts-2.2.4-py3-none-any.whl (26 kB)
Requirement already satisfied: requests in /usr/local/lib/python3.7/dist-packages (from gtts==2.2.4)
Requirement already satisfied: click in /usr/local/lib/python3.7/dist-packages (from gtts==2.2.4)
Requirement already satisfied: six in /usr/local/lib/python3.7/dist-packages (from gtts==2.2.4)
Requirement already satisfied: chardet<4,>=3.0.2 in /usr/local/lib/python3.7/dist-packages (from gtts==2.2.4)
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.7/dist-packages (from gtts==2.2.4)
Requirement already satisfied: idna<3,>=2.5 in /usr/local/lib/python3.7/dist-packages (from gtts==2.2.4)
Requirement already satisfied: urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 in /usr/local/lib/python3.7/dist-packages (from gtts==2.2.4)
Installing collected packages: gtts
Successfully installed gtts-2.2.4
```

```
pip install playsound
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Collecting playsound
  Downloading playsound-1.3.0.tar.gz (7.7 kB)
Building wheels for collected packages: playsound
  Building wheel for playsound (setup.py) ... done
  Created wheel for playsound: filename=playsound-1.3.0-py3-none-any.whl size=7041 bytes sha256=ba57c0146b664dca3a0ada41
  Stored in directory: /root/.cache/pip/wheels/ba/f8/bb/ea57c0146b664dca3a0ada41
Successfully built playsound
Installing collected packages: playsound
Successfully installed playsound-1.3.0
```

```
from playsound import playsound
import playsound as play
```

```
#import required for text to speech conversion
from gtts import gTTS
```

```
mytext = "Welcome to Natural Language Programming"
language = "en"
myobj = gTTS(text = mytext, lang=language,slow=False)
myobj.save("myfile.mp3")
```

```
#Convert audio file Speech to Text
```

```
pip install SpeechRecognition pydub
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Collecting SpeechRecognition
  Downloading SpeechRecognition-3.8.1-py2.py3-none-any.whl (32.8 MB)
```



