SPRINT DELIVERY 3

TEAM ID: PNT2022TMID04117

ESTABLISHING THE TEXT-TO-SPEECH SERVICE

INSTALLATION OF WATSON VERSION:
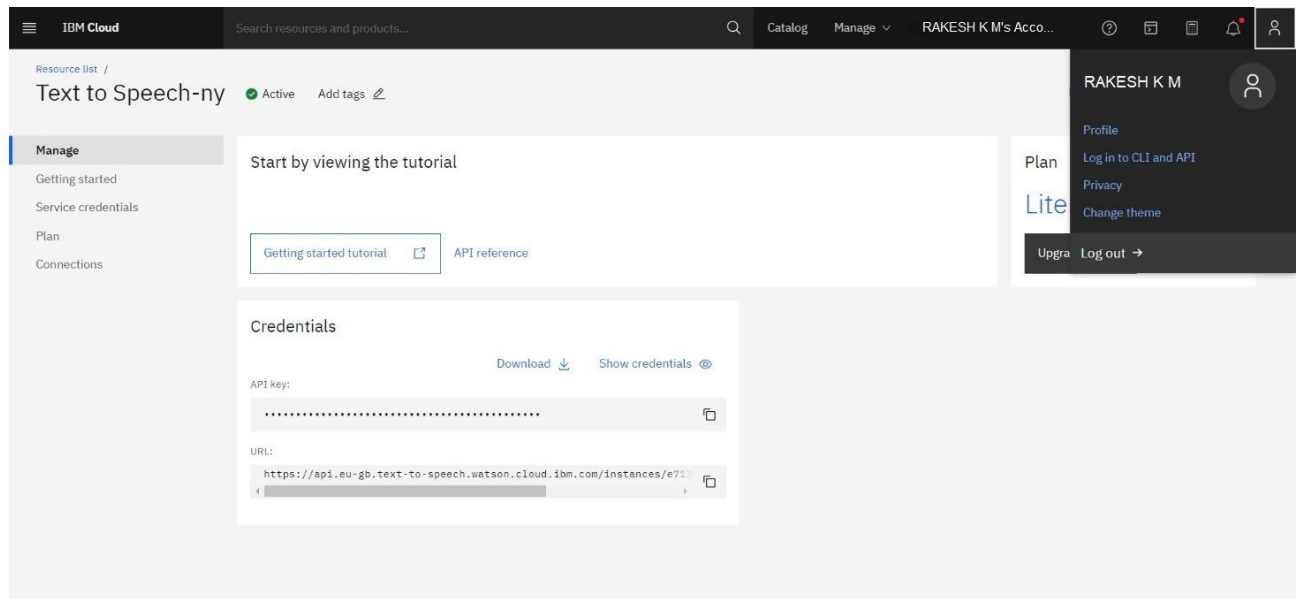
CODE:

    pip install --upgrade "ibm-watson>=6.1.0"

RESULT:

COPYING CREDENTIALS FOR API AND URL:

PROGRAM FOR ACESSING APIs OF TTS SERVICE:

```
from ibm_watson import TextToSpeechV1

from ibm_cloud_sdk_core.authenticators import IAMAuthenticator
authenticator = IAMAuthenticator('7NcRcpMT221nhk1kB5DTsWpK-
GQgjKFaWKa7Ao1BU7zQ')

text_to_speech = TextToSpeechV1(authenticator=authenticator)

text_to_speech.set_service_url('https://api.eu-gb.text-to-
speech.watson.cloud.ibm.com/instances/e7133289-0146-4193-a7d5-
b354d6831556')

with open('para.wav', 'wb') as audio_file:
audio_file.write(text_to_speech.synthesize('its the time to take paracetomal',
voice='en-US_AllisonV3Voice',accept='audio/wav').get_result().content)
```

EXECUTION AND RUN:


```
apifortts.py - C:/Users/lavanya/Desktop/tts/apifortts.py (3.7.3)
File Edit Format Run Options Window Help
from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import IAMAuthenticator
authenticator = IAMAuthenticator('7NcRcpMT221nhk1kB5DTsWpK-GQgjKFaWKa7Ao1BU7zQ')
text_to_speech = TextToSpeechV1(
 authenticator=authenticator
)
text_to_speech.set_s...                                      ...9-0146-4193-a7d5-b354d6831556')
with open('para.wav'...
 audio_file.write(
 text_to_speech.synt
 'its the time to ta
 voice='en-US Alliss
 accept='audio/wav'
 ).get_result().cont
```
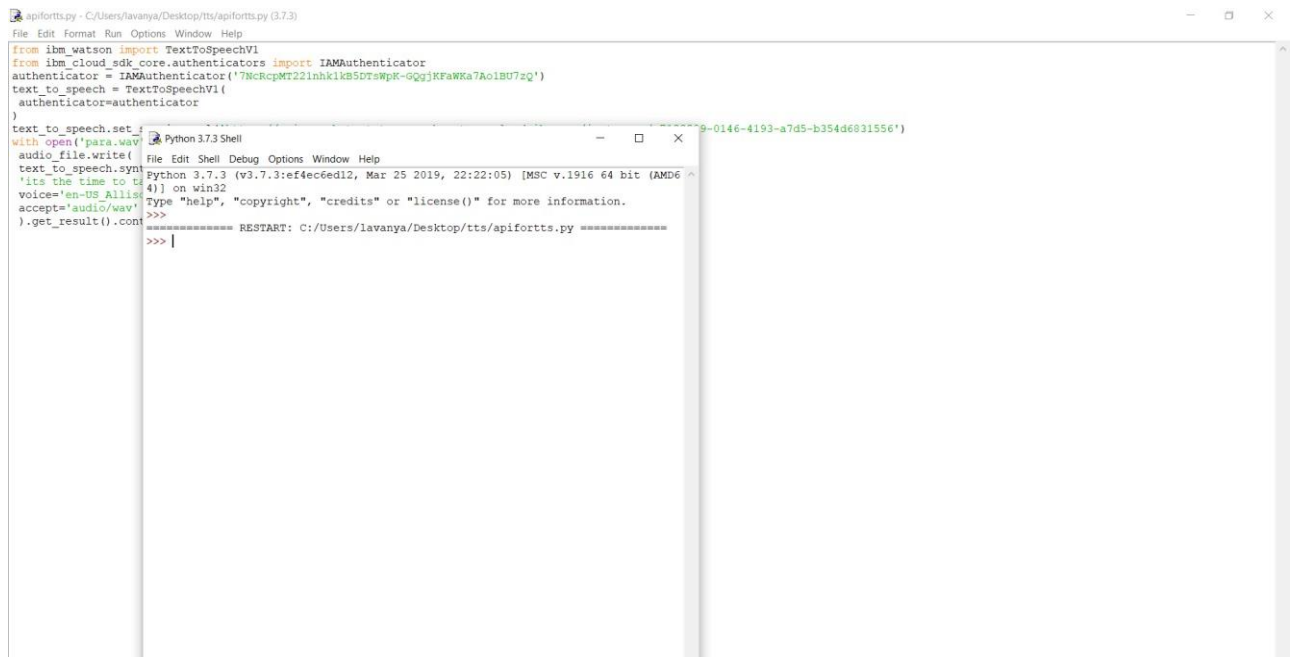
```
Python 3.7.3 Shell
File Edit Shell Debug Options Window Help
Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 22:22:05) [MSC v.1916 64 bit (AMD6
4)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
============== RESTART: C:/Users/lavanya/Desktop/tts/apifortts.py ==============
>>>
```