SPRINT DELIVERY 3

TEAM ID: PNT2022TMID04117

ESTABLISHING THE TEXT-TO-SPEECH SERVICE

INSTALLATION OF WATSON VERSION:
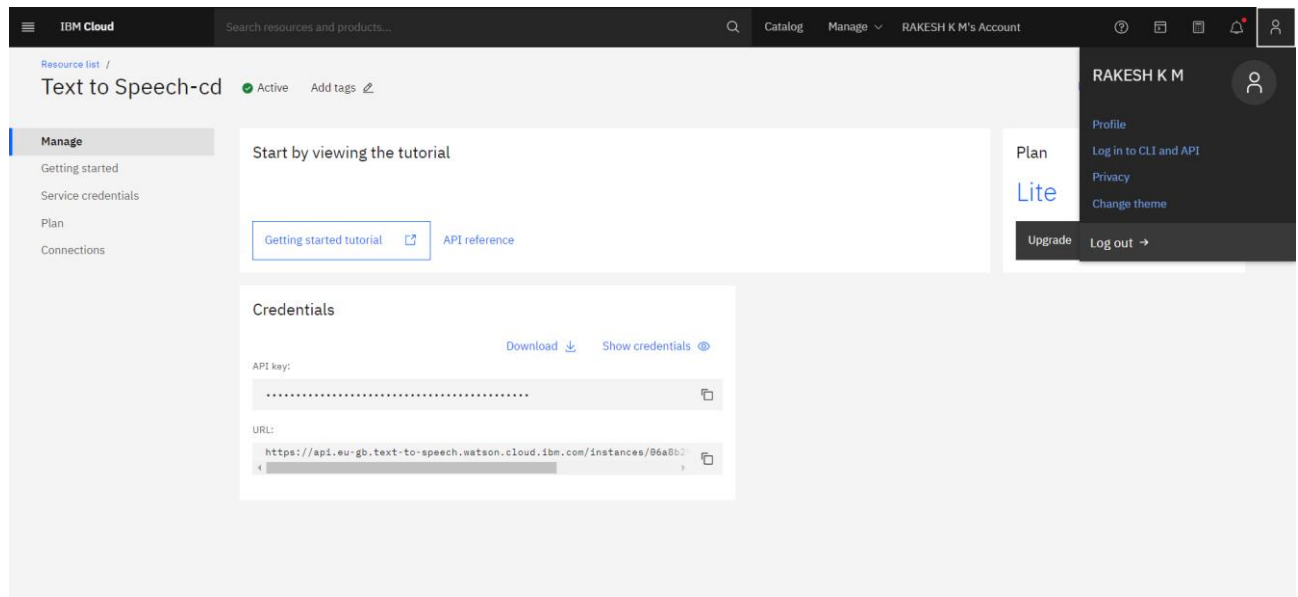
CODE:

    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('taQp6erVDVgw9q1MgUdFNef1tLuBYOCMIzEvk6yXJqSn')
text_to_speech = TextToSpeechV1(
    authenticator=authenticator
)

text_to_speech.set_service_url('https://api.eu-gb.text-to-
speech.watson.cloud.ibm.com/instances/06a8b29d-451d-4553-890f-860aafbabc32')

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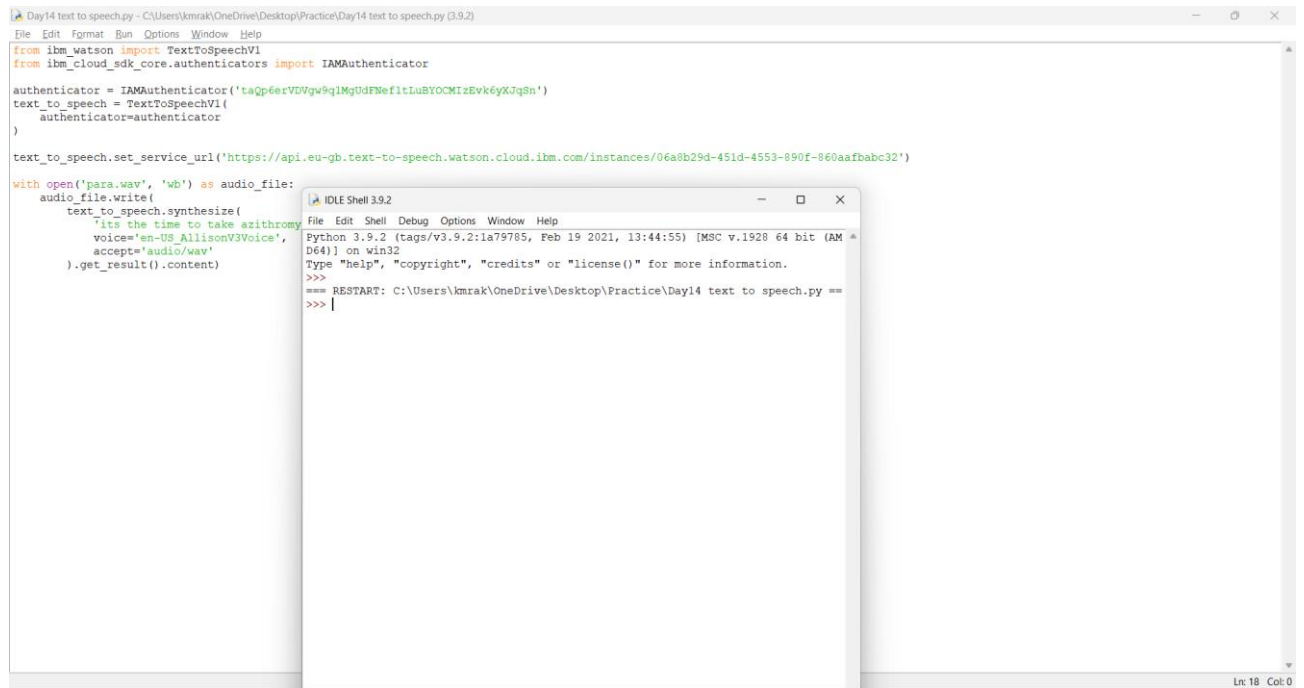
EXECUTION AND RUN:


```python
from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import IAMAuthenticator

authenticator = IAMAuthenticator('taQp6erVDVgw9q1MgUdFNef1tLuBYOCMIzEvk6yXJqSn')
text_to_speech = TextToSpeechV1(
    authenticator=authenticator
)

text_to_speech.set_service_url('https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/06a8b29d-451d-4553-890f-860aafbabc32')

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

IDLE Shell 3.9.2

```
Python 3.9.2 (tags/v3.9.2:1a79785, Feb 19 2021, 13:44:55) [MSC v.1928 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\kmrak\OneDrive\Desktop\Practice\Day14 text to speech.py ==
>>>
```