# SPRINT DELIVERY 1

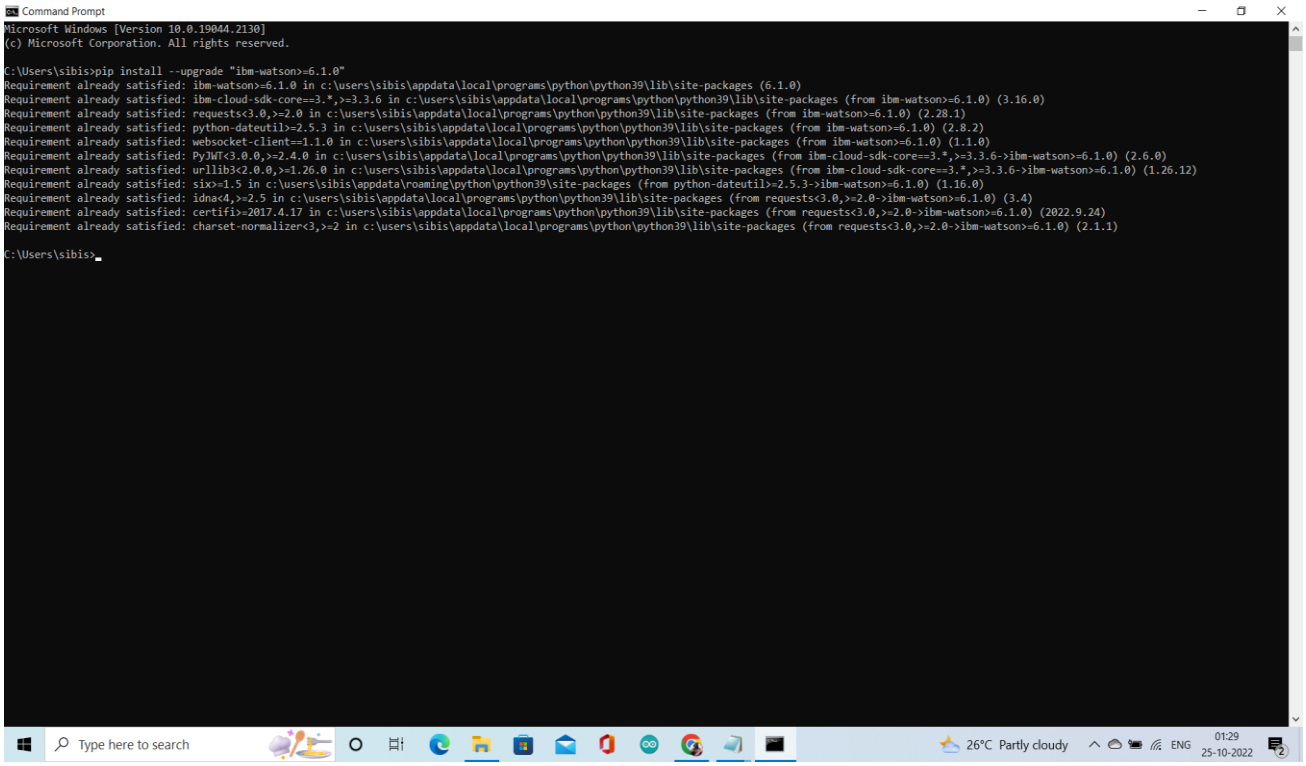
# ESTABLISHING THE TEXT-TO-SPEECH SERVICE

## 1) INSTALLATION OF WATSON VERSION:

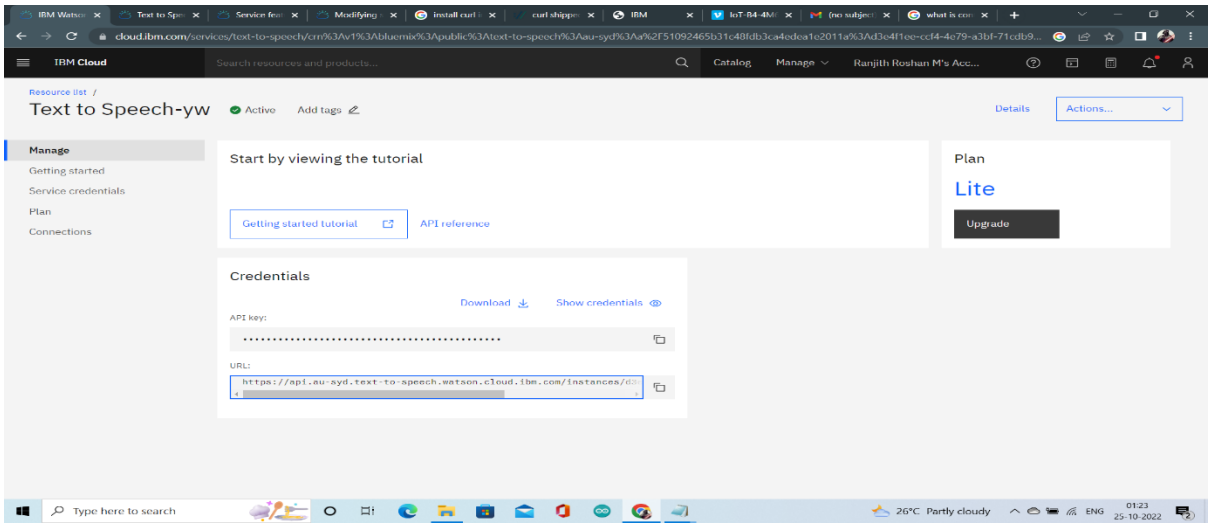
**Code:**

Pip install –upgrade “ibm-watson>=6.1.0”

**Result:**



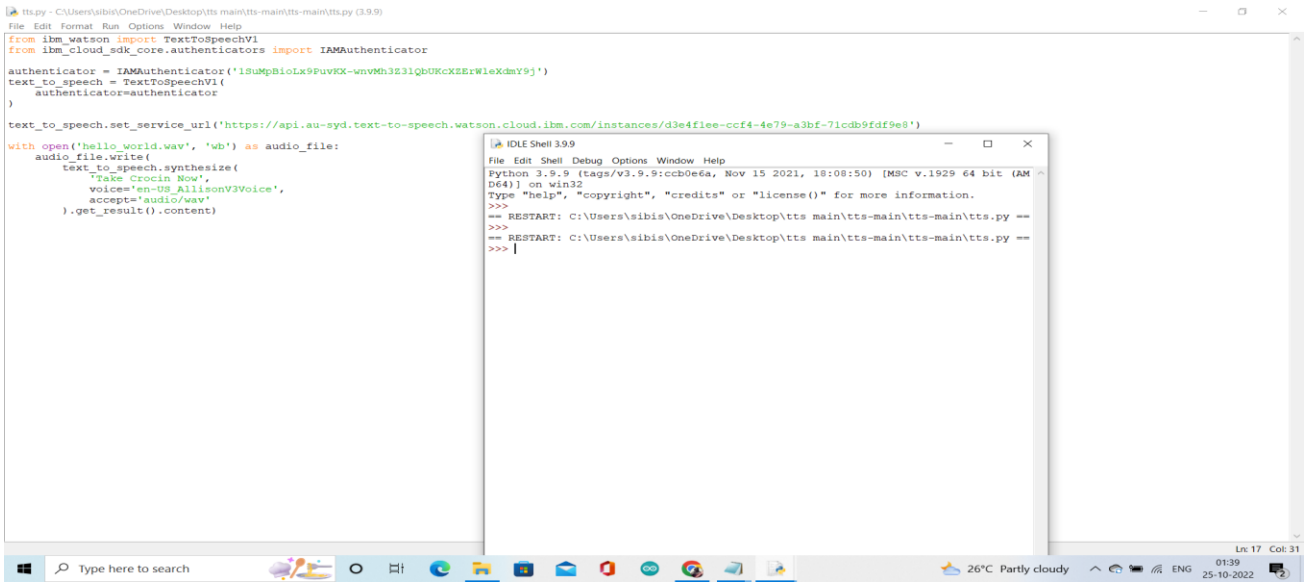

## 2) COPYING CREDENTIALS FOR API AND URL:



**3) PROGRAM FOR ACCESSING APIs OF TTS SERVICE:**

```
from ibm_watson import TextToSpeechV1

from ibm_cloud_sdk_core.authenticators import IAMAuthenticator

authenticator = IAMAuthenticator('1SuMpBioLx9PuvKX-
wnvMh3Z3lQbUKcXZErWleXdmY9j')

text_to_speech = TextToSpeechV1(

    authenticator=authenticator

)

text_to_speech.set_service_url('https://api.au-syd.text-to-
speech.watson.cloud.ibm.com/instances/d3e4f1ee-ccf4-4e79-a3bf-71cdb9fdf9e8')

with open('hello_world.wav', 'wb') as audio_file:

    audio_file.write(

        text_to_speech.synthesize(

            'Take Crocin Now',

            voice='en-US_AllisonV3Voice',

            accept='audio/wav'

        ).get_result().content)
```

**Execution and Run**




**4) RESULT:**

**Video:**

https://drive.google.com/file/d/17ioFSvMHJxCRiaE19kCw_mGMGyIo7CNz/view?usp=drivesdk