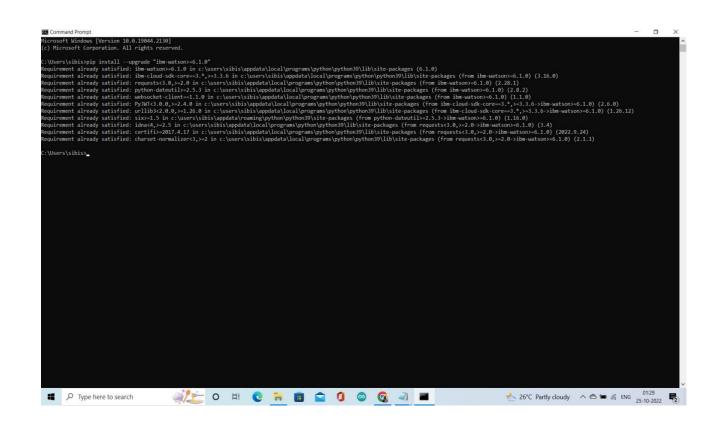
Sprint 4	Converting data received from cloud as voice using IBM Text to Speech service
Team ID	PNT2022TMID49881
Project Name	Project–Personal Assistance for Seniors Who Are Self-Reliant

INSTALLATION OF WATSON

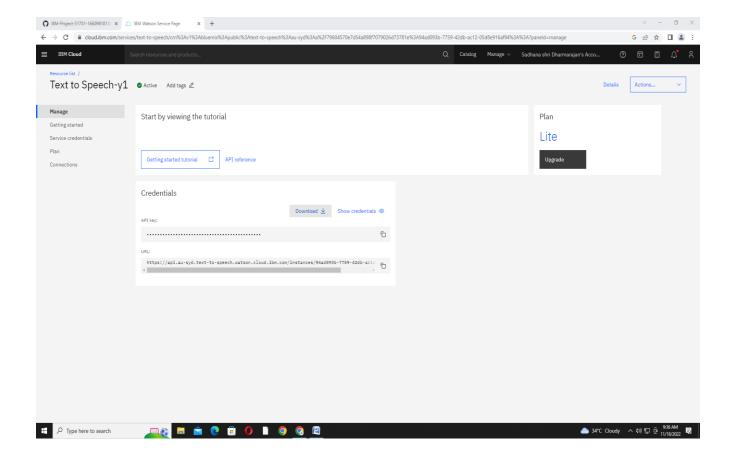
VERSION - Code:

Pip install – upgrade "ibm – Watson > =6.1.0"

Result:



1) COPYING CREDENTIALS FOR A PIAND URL:



2)PROGRAM FOR ACCESSING APIS OFTTS SERVICE:

```
fromibm_watsonimportTextToSpeechV1
fromibm _ cloud_sdk_core.authenticatorsimportIAMAuthenticator
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(
       'TakeCrocin Now',
       voice='en-
       US_AllisonV3Voice',accept='audio/wav'
    ).get_result().content)
```

Execution and Run:

