SPRINT DELIVERY 3

TEAM ID: PNT2022PMID40300

ESATABLISHING THE TEXT-TO-SPEECH SERVICE

1) INSTALLATION OF WATSON VERSION:

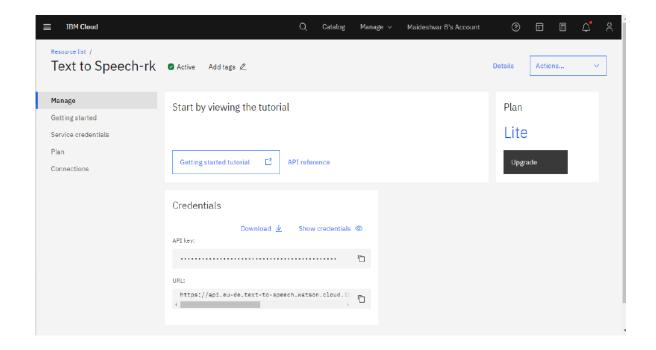
CODE:

Pip install—upgrade "ibm-watson>=6.1.0"

RESULTS:

```
llecting ibm-wetson>46.1.0
              g ibn-wetson-5.1.0.tar.gz (373 kB)
                                                   373 kB 273 kB/s
Setting requirements to build wheel ... done
Preparing metadata (syproject.tonl) ... dame 
allecting ibm-cloud-sek-core==3.*,>=3.5
              ng ibm_clous_stk_core 3.16.0 py3 none any.vhl (85 k8)
83 k8 304 k8/s
Davideading python dateutil-2.8.2-py2.py3-none-any.vhl (247 kB)
         wding websocket_client=1.1.0-py2.py3-none-eny.whl (68 kB)
        ng resuests (3,6,5+2,0)
soling requests (2,28,1-py3-non-any,4tl (62-k2)
62 d 340-kB/s
Downloading PyDWT-2.6.8-py3-none-any.whl (20 kB)
Heating urllip3<2.8.8,>=1.26.8
          ading urllib3-1.25.12-py2.py3-none-any.whi (140 kB)
Using cached six-1.16.8-py2.py3-none-any.whl (11 k8)
 llecting charset normalizer(3,)=2
Downloading charset rormalizer-2.1.1-py3-none-any.wh1 (39 k8)
ollecting idrak4,>=2.5
Downloading idra-3.4-py3-none-any.whl (61 kB)
Downloading certifi 2022.9.24 py3 none any whil (161 kB).
              161 kB 819 kB/s
cels for collected packages: ibu watson
nteng areas in comerce parages. The waran
Brilling wheal for the setson (pyproject.bal) ... done
Created wheal for the setson filenome-site patour-5.1.0-py3-non-any.vil size-378809 sha256-38500627ee800ea81ee55068.cd8:6023785145f8754cff32f8hd83868bf3
Stored in directory: c:tusers(lazanya)applata\botal\pip\cache\pheels\18\60(f3\b0)6078bc18818652eb76df450bd160654f4080864860
ccessfully built the setson
stelling collected pockages: wrlight, six, idna, charset-normalizer, certifi, requests, python-dateotil, PyNNT, mebsocket-client, Emerchad-sch-cure, Emeration
cressfully installed PyNNT-2.5.0 certifi-2072.9.24 charset-normalizer-7.1.1 ibn-clied-sch-cure-3.16.0 ibn-matson-5.1.0 idna-1.4 python-dateotil-2.8.2 requests-2.28.1 six-1.16.0 inllib1-1.26.12 measocket-clien
 RUMC: You are using pis version 21.3.1; toewer, version 22.3.1 is available.
U should consider upprating via the 'c'|userstlavanyelapprath\local\programs\python\python\python.exe -∎ pis install --upgrade pip' commend
\Users\lavaryaxw
of is not recognized as an internal or external command,
```

2) COPYING CREDENTIALS FOR API AND URL:



3) PROGRAM FOR ACESSING APIs OF TTS SERVICE:

from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import
IAMAuthenticator authenticator =
IAMAuthenticator('7NcRcpMT221nhk1kB5DTsWpKGQgjKFaWKa7Ao1BU7zQ') text_to_speech = TextToSpeechV1(
authenticator=authenticator)
text_to_speech.set_service_url('https://api.eu-gb.text-tospeech.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:

