CREATE A TEXT TO SPEECH SERVICE

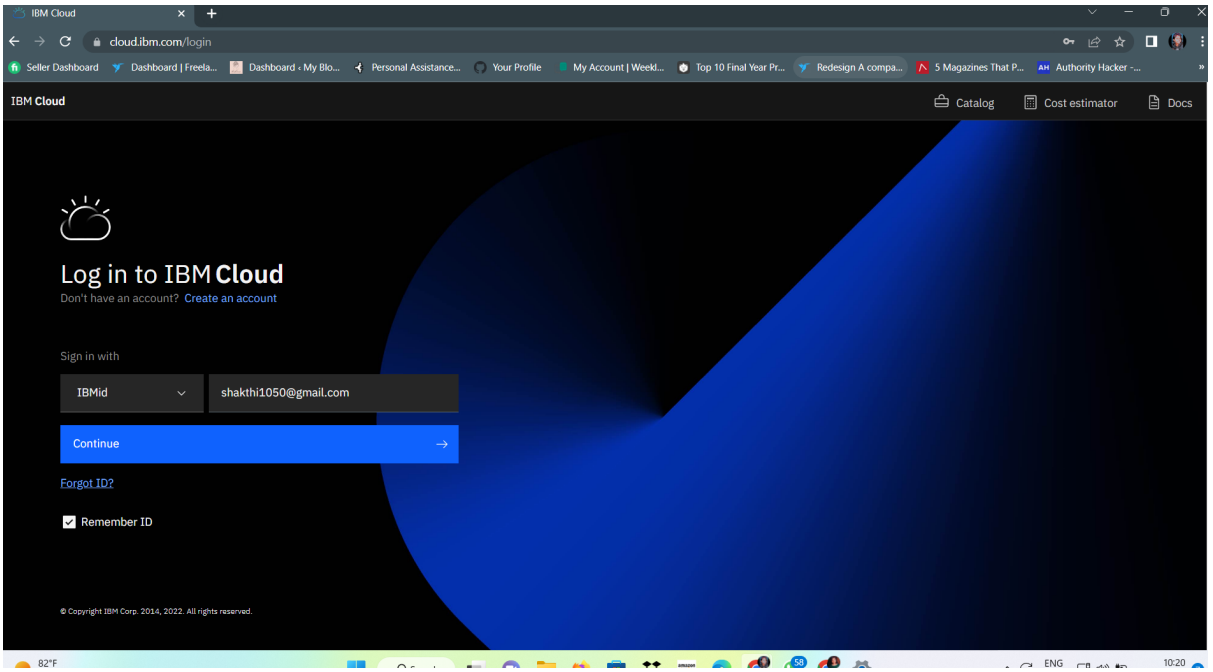
TEAM ID	PNT2022TMID26580
PROJECT NAME	Personal Assistance for Seniors Who Are Self-Reliant.

AIM :

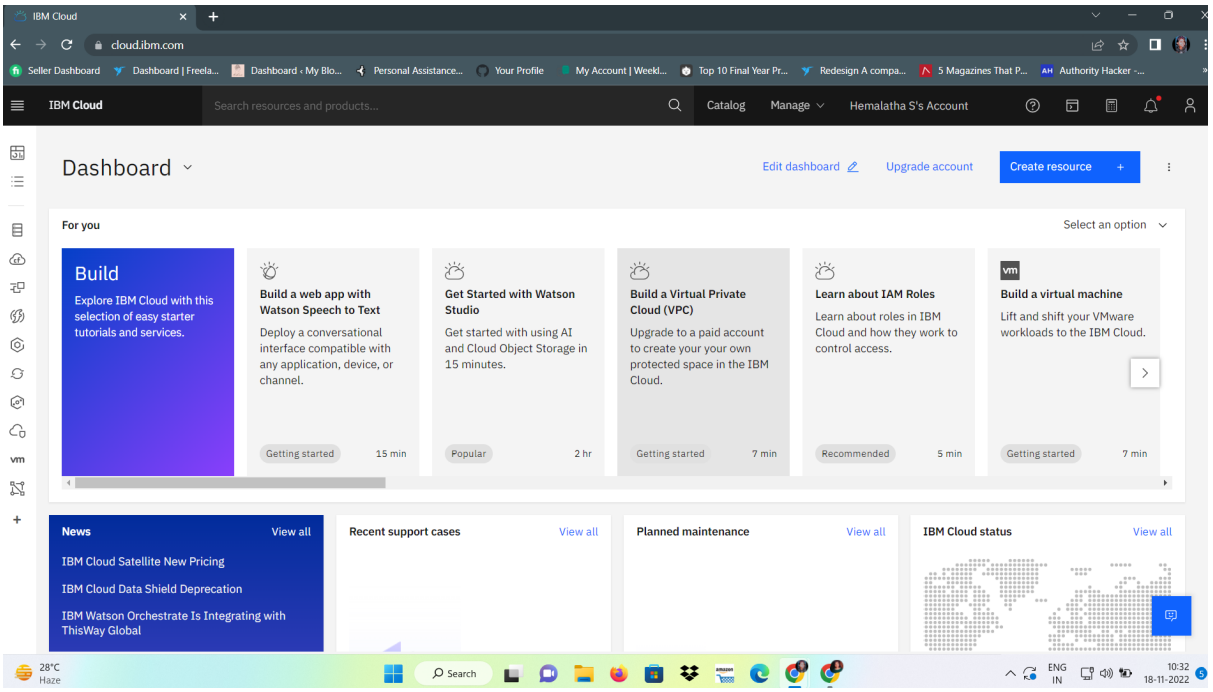
TO CREATE A TEXT TO SPEECH SERVICE IN IBM IOT WATSON PLATFORM

STEPS TO BE FOLLOWED :

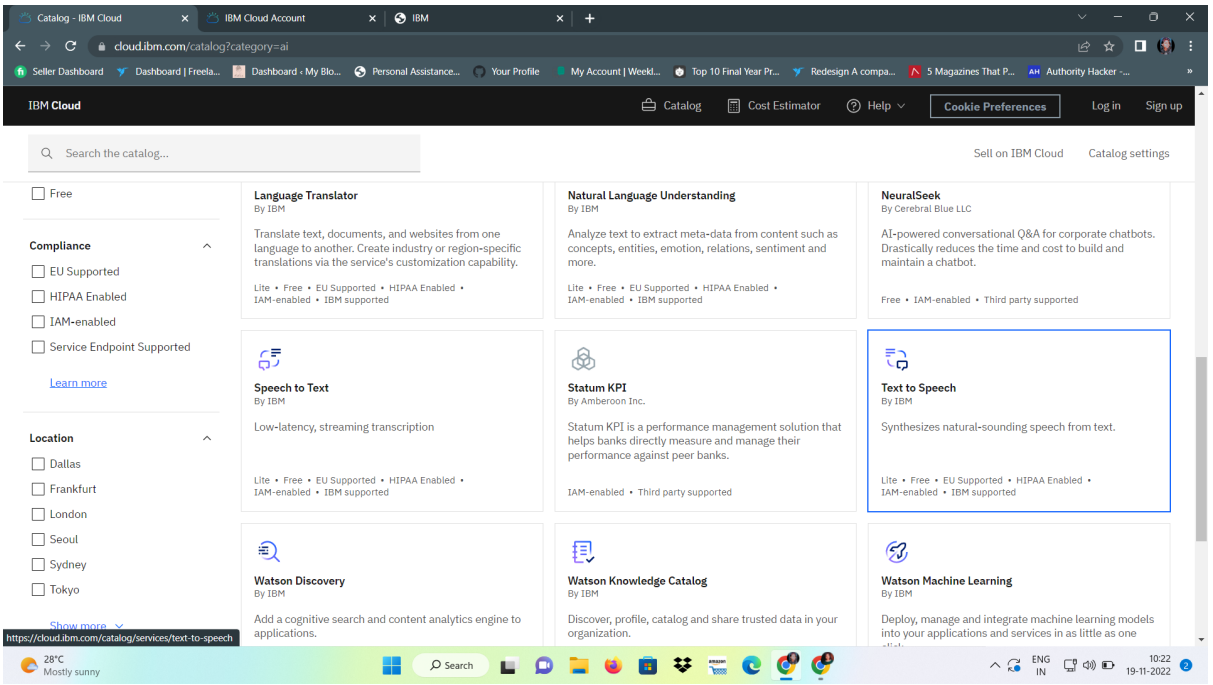
STEP 1 : FIRST SHOULD LOGIN IN YOUR IBM CLOUD ACCOUNT IN YOUR BROWSER



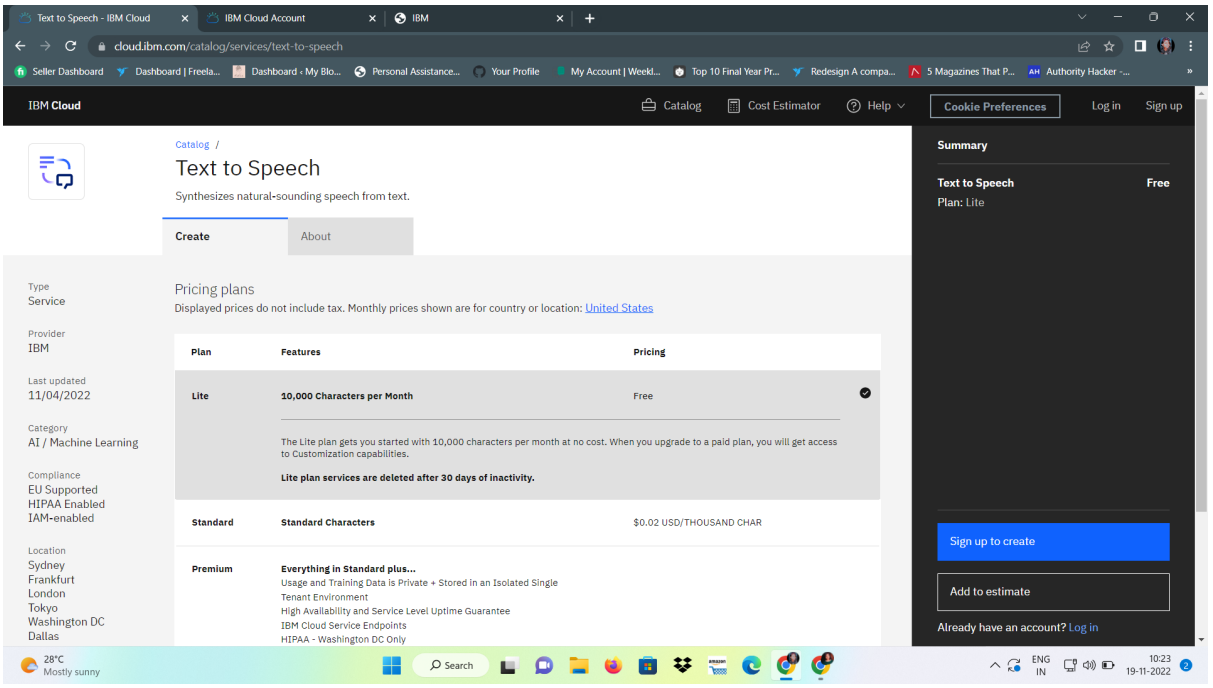
STEP 2 : OPEN CATALOG MENU GIVEN ON THE RIGHT SIDE OF THE TOP



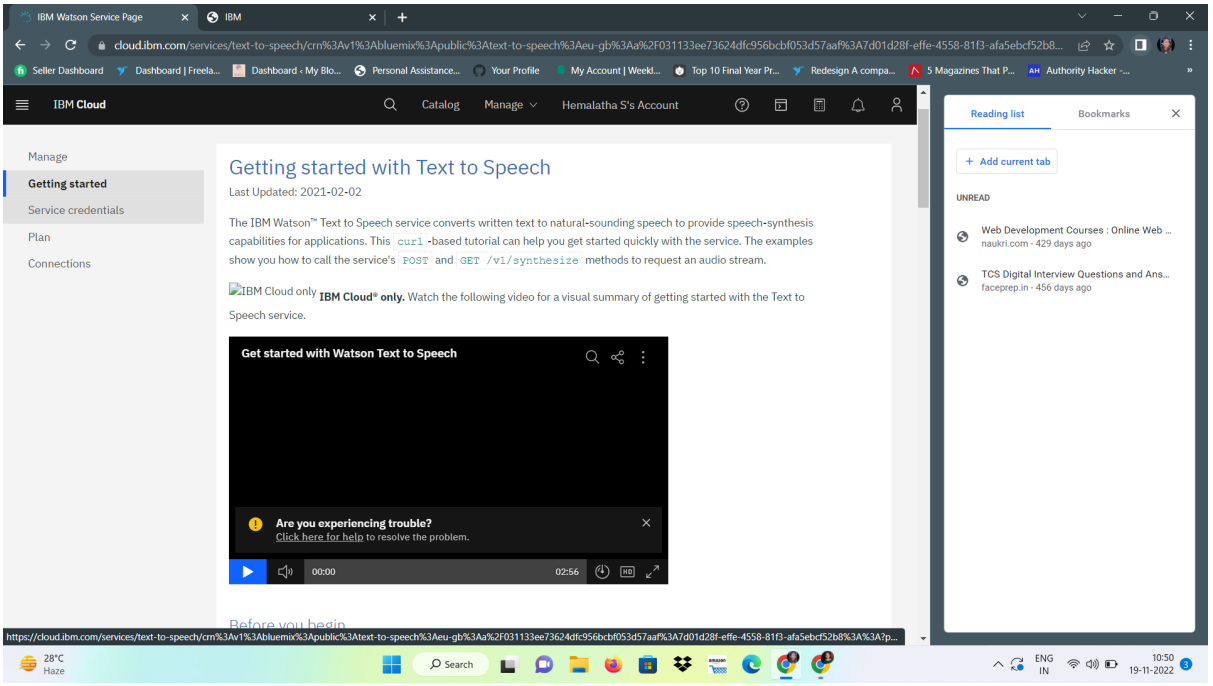
STEP 3 : IN THE CATEGORY MENU GIVEN IN THE LEFT SIDE, CHOOSE AN ARTIFICIAL INTELLIGENCE OPTION.



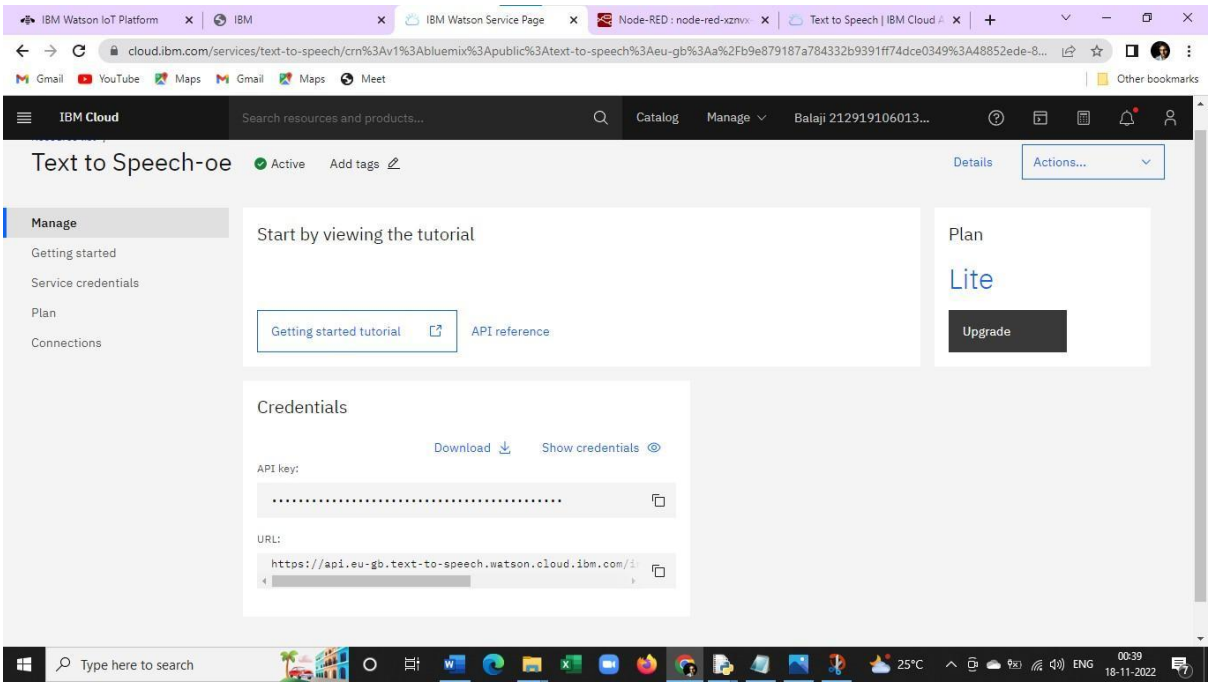
STEP 4 : JUST SCROLL DOWN, SEARCH AND SELECT THE “ TEXT TO SPEECH SERVICE “



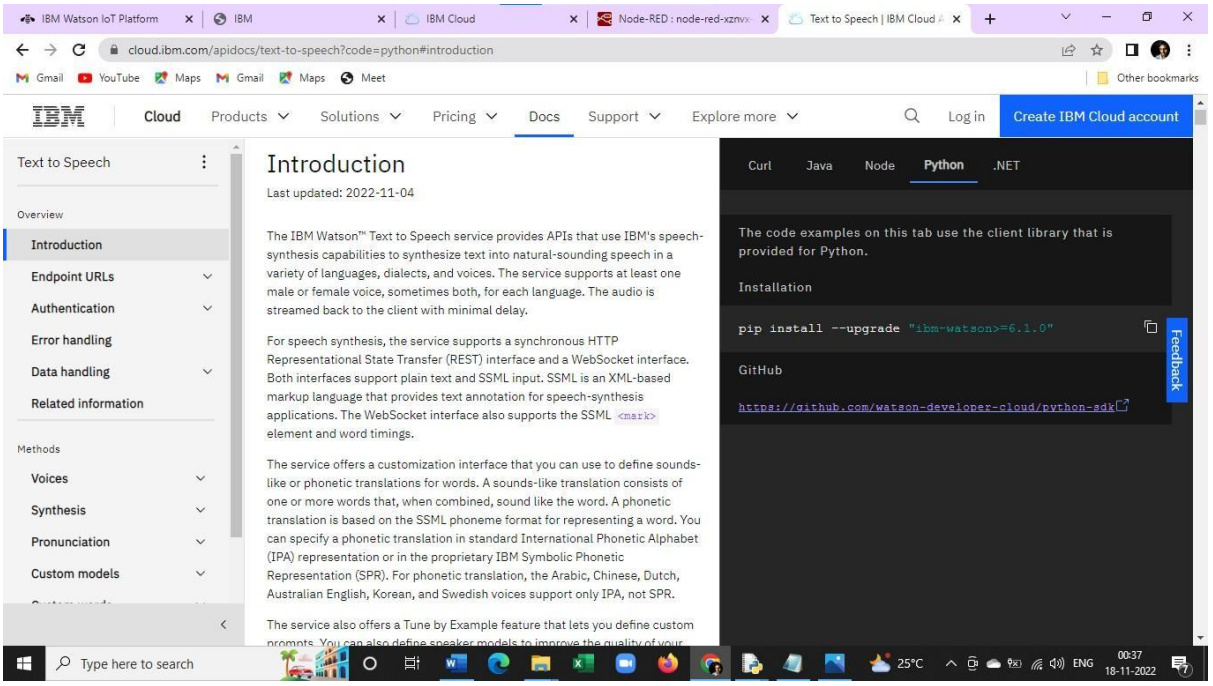
STEP 5 : READ AND FILL CAREFULLY WITH REQUIRED DATA AND TO CREATE AN ACCOUNT



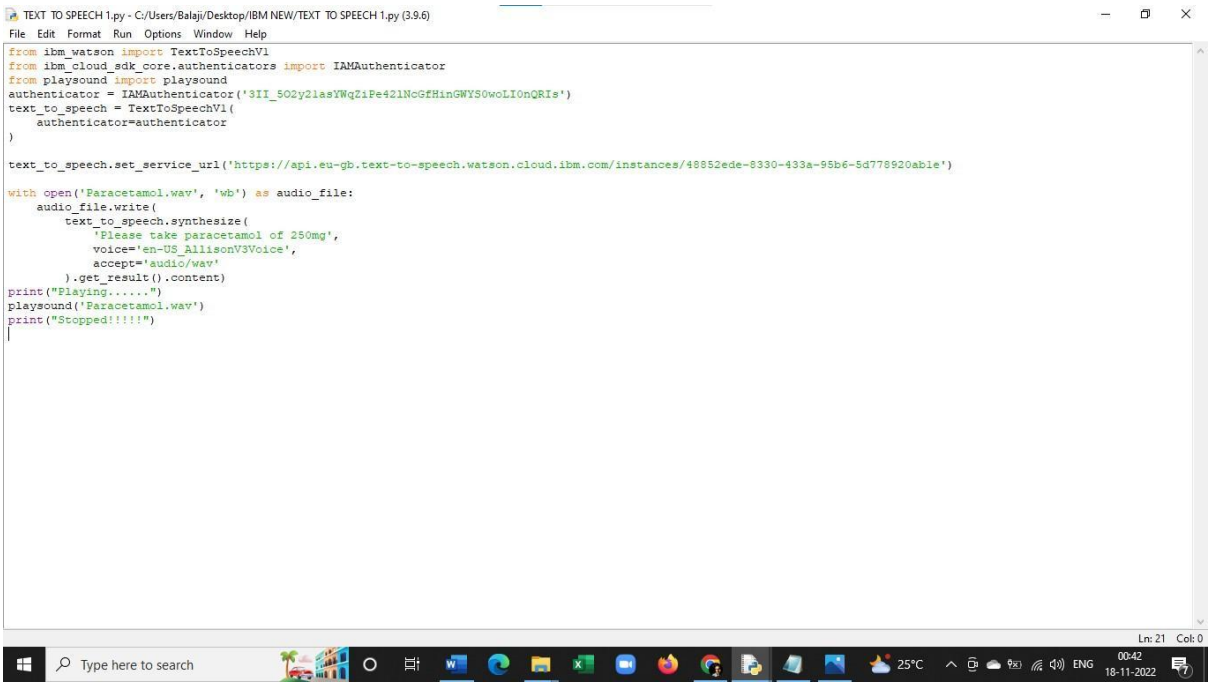
STEP 6 : AFTER CREATING IT WILL GENERATES API KEY AND URL TAKE IT DOWN CAREFULLY



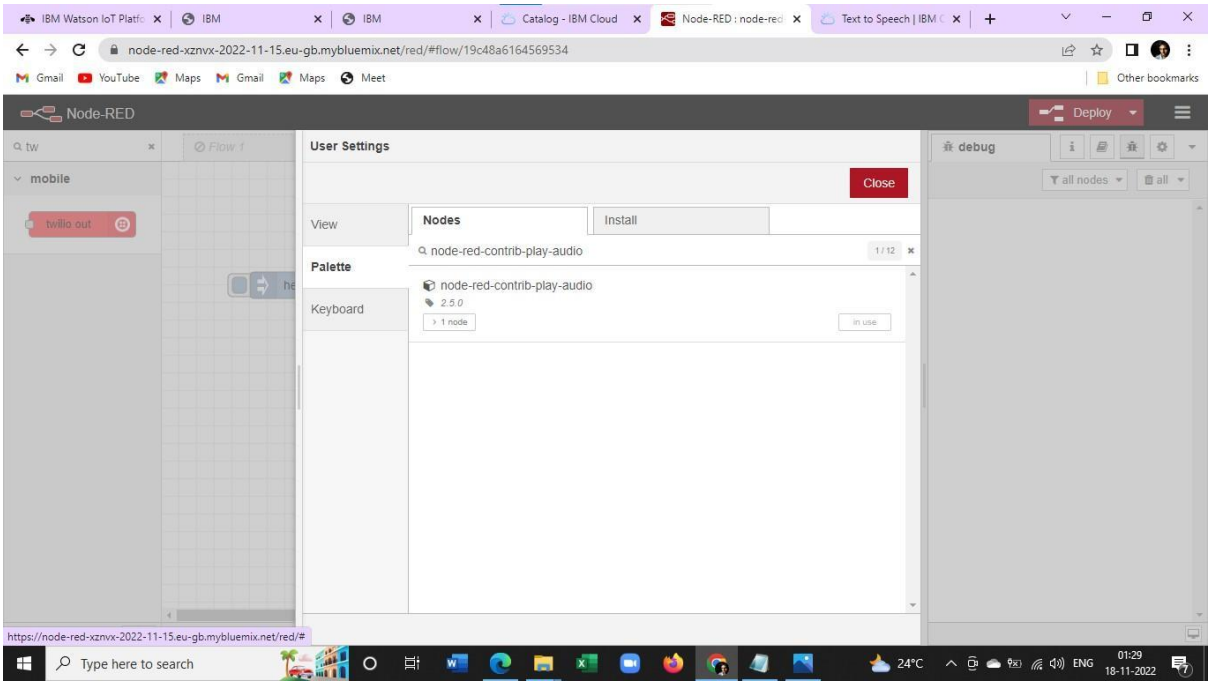
STEP 7 : INSTALL USING THE GIVEN COMMAND IN YOUR PYTHON SOFTWARE



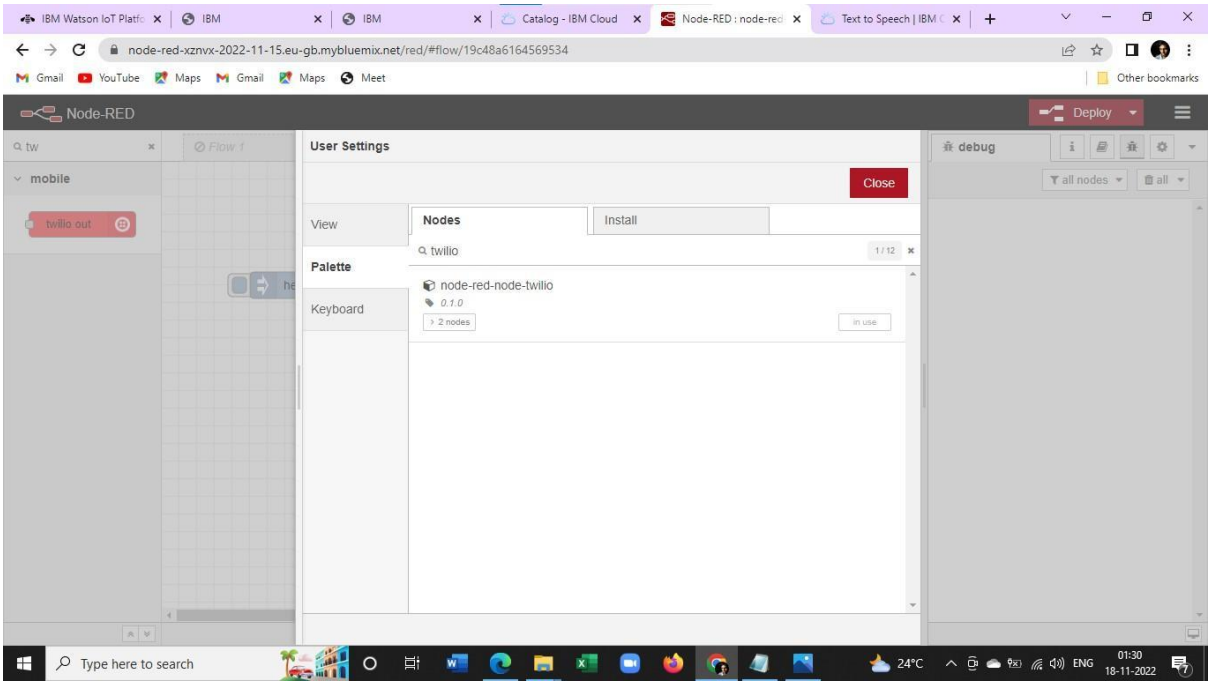
STEP 8 : AND NOW START CODING IN YOUR PYTHON SOFTWARE AND GET RESULTS



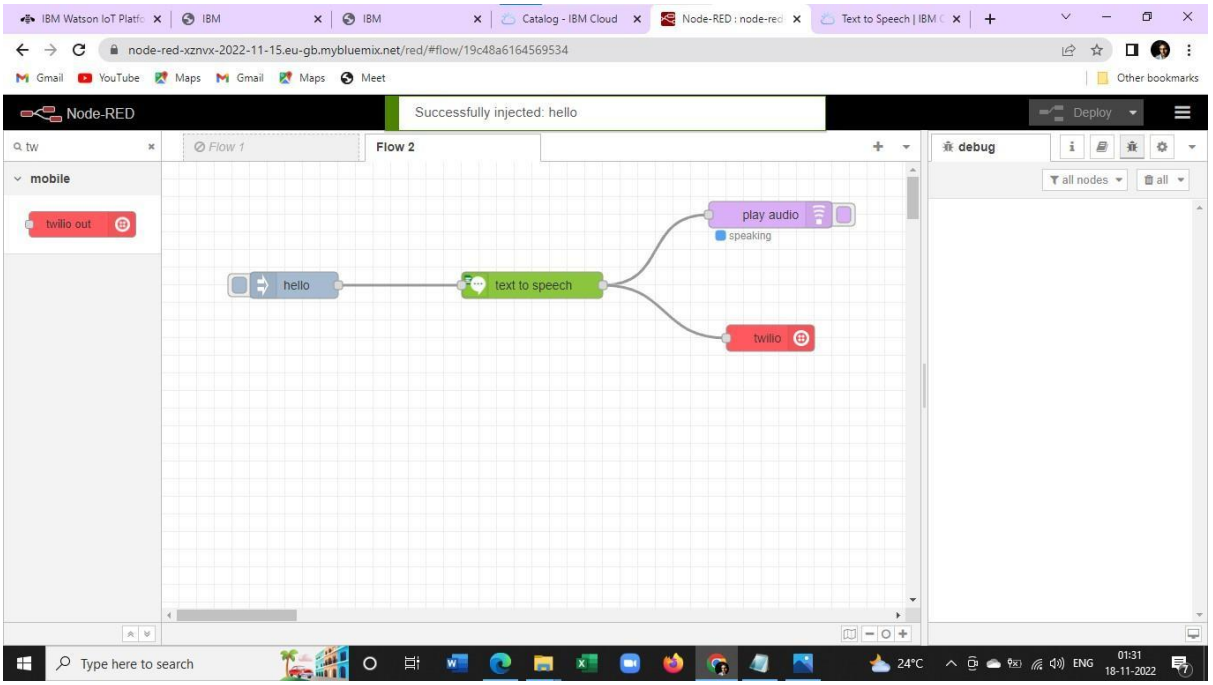
STEP 9 : BY USING NODE RED SERVICES INSTALL A NODE-RED-PLAY-AUDIO TOOL



STEP 10 : ALSO INSTAL TWILIO FOR SENDING VOICE SMS AND CALLS (NOTE IN TWILIO WEB SITE NUMBERS SHOULD BE VERIFIED THEN ONLY WE WILL GET API KEYS AND AUTH TOKENS AND ALSO RECEIVE CALL OR VOICE NOTES)



STEP 11 : IN TWILIO NODE INJECT THE RECEIVER DETAILS AFTER DEPLOY AND INJECT THE MSG.PAYLOAD


Node-RED
Successfully injected: hello
Deploy
tw
mobile
twilio out
Flow 1
Flow 2
debug
all nodes
all
play audio
speaking
hello
text to speech
twilio
Type here to search
24°C
ENG
01:31
18-11-2022

RESULT :

VOICE WILL BE GENERATED FOR THE GIVEN INPUT TO THE RECEIVER.