TRANSLATE LANGUAGE OF TEXT

Workflow:

-->An AWS account--> Visual studio code--> AWS lambda-
-> Amazon API Gateway--> AWS Amplify--> Amazon DynamoDB--> Amazon Translate

Introduction:

IN THE AWS CLOUD WE CAN TRANSLATE THE LANGUAGE OF TEXT AND IN THISWE CAN TRANSLATE ANY LANGUAGE IT IS EASIER TO WHO DONT KNOW THEPARTICULAR LANGUAGE AND THE BENIFIT IN THIS IS IT CAN BE TRANSLATEANY OF THE LANGUAGE IT CAN BE GET THE VOICE ASSISTANT OF THETRANSLATE LANGUAGE IN THE AWS CLOUD WITH THE HELP OF AWSTRANSLATE.

Architecture:

First using the an Aws account for the help of the project and with thehelp of Visual studio code have deployed the code for the Text to speechand messages can be distributed from a single source to numerousdownstream

consumers and used the amazon api gateway, AWS Amplifyand amazon dynamo db for the help of frontend and used amazon translatefor the translation of the text to speech
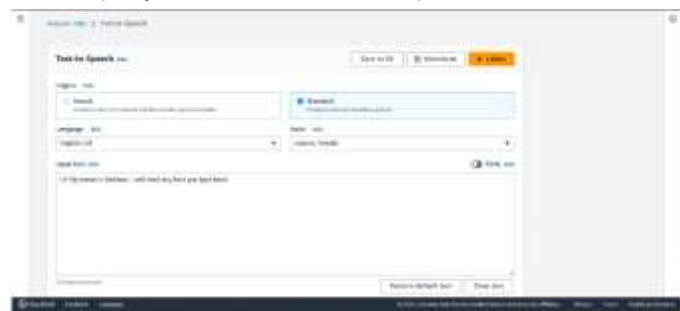
Procedure:

First Log in to your AWS management console.

Now in search click amazon polly

after clicking that it displays like above here with the help of amazonpolly can translate text to speech.
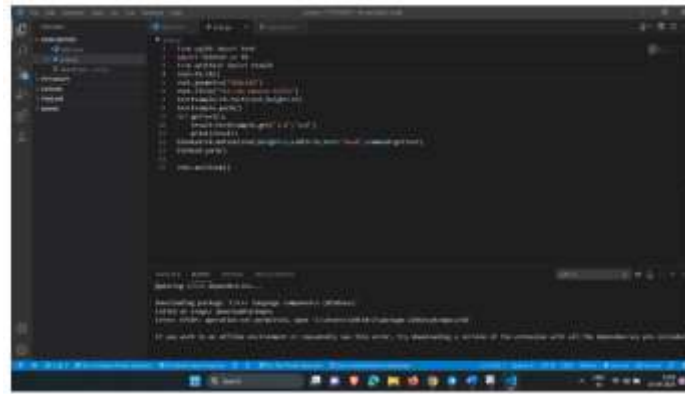

Here we can select any of the language from text to speech.

Here with the help of this services can do the project of language to text
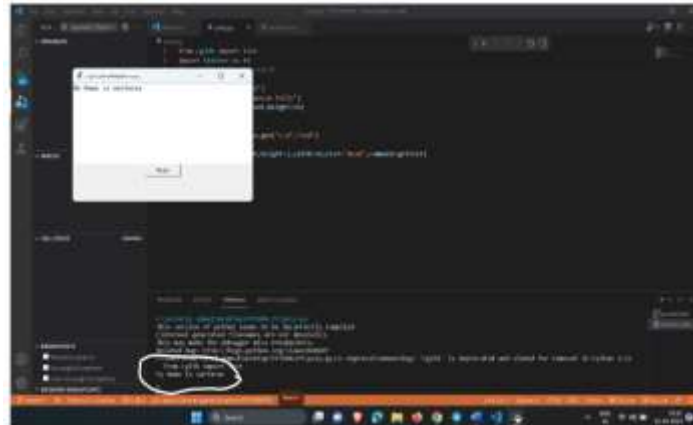

Now go to the visual studio code.

In the vs code should type the python code to get the output of the text
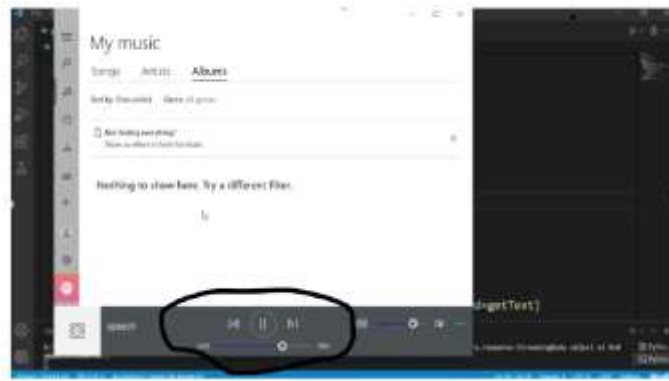
Here we can see the Text in the output

This is the response syntax of polly

{'Lexicon': {'Content': 'string','Name': 'string'},

'LexiconAttributes':

{'Alphabet': 'string','LanguageCode': 'arb''LastModified':

datetime(2015, 1, 1),

'LexiconArn': 'string',

'LexemesCount': 123,

'Size': 123

}

}

Now if we run the code in the terminal it automatically opens theT2S-con Amazon Polly.

Now we should click on the read it will take to the mp3 music to readthe Text which was texted.

Finally the Amazon polly reads the text to speech in the mp3 whichhave deployed in the Visual studio code to Aws.