Program coding:

1. Input Data

```
import speech recognition as sr
import pyttsx3
from googletrans import Translator
# Initialize text-to-speech engine
engine = pyttsx3.init()
def speak(text):
  engine.say(text)
  engine.runAndWait()
# Initialize translator
translator = Translator()
# Recognize speech
def listen():
  r = sr.Recognizer()
  with sr.Microphone() as source:
     print("Speak something...")
     r.adjust for ambient noise(source)
     audio = r.listen(source)
     try:
       text = r.recognize google(audio)
       print("You said:", text)
       return textexcept:
       print("Sorry, I didn't catch that.")
       return ""# Main functiondef main():
  speak("Please speak something to translate")
  original_text = listen()
  if original text:
     translated = translator.translate(original text, dest='ta') # Change 'ta' to any
language code
     print("Translated:", translated.text)
     speak("The translation is: " + translated.texmain()
```

Output:

