# #MUHAMMAD HARUNA YOLE  
# #SPEECH INPUT LANGUAGE TRANSLATOR  
import speech\_recognition as sr  
from googletrans import Translator  
  
# To initialize the speech recognition  
r = sr.Recognizer()  
  
# Initialize translator  
translator = Translator()  
  
# Defining the target languages  
languages = ['fr','it', 'ar', 'ru']  
  
# Function to translate speech  
  
def translate\_speech():  
 with sr.Microphone() as source:  
 print("Speak something:")  
 audio = r.listen(source)  
  
 try:  
 # Function to recognize speech using Google Speech Recognition  
 text = r.recognize\_google(audio)  
 print("You said: ", text)  
  
 # Function to translate speech to each target language  
 for lang in languages:  
 translated\_text = translator.translate(text, src='auto', dest=lang)  
 print(f"Translated to {lang}: {translated\_text.text}")  
 # function if speech isn't recognised  
 except sr.UnknownValueError:  
 print("Couldn't not understand audio \nPlease be audible")  
 # function if there's network issue  
 except sr.RequestError as e:  
 print(f"Please, Ensure you're connected to a network server: {e}")  
 #Other Errors  
 except Exception as e:  
 print("Error:", e)  
  
# Function to call translate speech  
translate\_speech()