

```
Import speech_recognition as sr
```

```
From googletrans import Translator
```

```
From gtts import gTTS
```

```
Import playsound
```

```
Import tempfile
```

```
Def speak(text, lang='fr'):
```

```
    Try:
```

```
        Tts = gTTS(text=text, lang=lang)
```

```
        With tempfile.NamedTemporaryFile(delete=True, suffix=".mp3") as fp:
```

```
            Tts.save(fp.name)
```

```
            Playsound.playsound(fp.name)
```

```
    Except Exception as e:
```

```
        Print("TTS Error:", e)
```

```
Def main():
```

```
    Recognizer = sr.Recognizer()
```

```
    Translator = Translator()
```

```
    Target_lang = 'fr' # Change to desired language code (e.g., 'hi', 'es', etc.)
```

```
    Print("Speak something (say 'exit' to quit):")
```

```
    With sr.Microphone() as source:
```

```
        Recognizer.adjust_for_ambient_noise(source)
```

```
        While True:
```

```
            Try:
```

```
                Print("\nListening...")
```

```
                Audio = recognizer.listen(source, timeout=5)
```

```
                Text = recognizer.recognize_google(audio)
```

```
Print("You said:", text)
```

```
If "exit" in text.lower():
```

```
    Print("Goodbye!")
```

```
    Break
```

```
Translated = translator.translate(text, dest=target_lang).text
```

```
Print("Translated:", translated)
```

```
Speak(translated, lang=target_lang)
```

```
Except sr.UnknownValueError:
```

```
    Print("Didn't catch that. Try again.")
```

```
Except sr.RequestError:
```

```
    Print("Network error. Check your internet.")
```

```
Except sr.WaitTimeoutError:
```

```
    Print("Timeout. Speak faster!")
```

```
If __name__ == "__main__":
```

```
    Main()
```