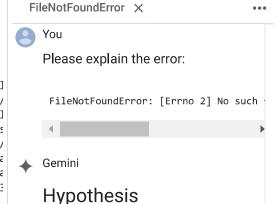
```
!pip install SpeechRecognition
!pip install pydub
    Requirement already satisfied: SpeechRecognition in /usr/local
     Requirement already satisfied: requests>=2.26.0 in /usr/local/
     Requirement already satisfied: typing-extensions in /usr/local
     Requirement already satisfied: charset-normalizer<4,>=2 in /us
     Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/
     Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/loca
     Requirement already satisfied: certifi>=2017.4.17 in /usr/loca
     Requirement already satisfied: pydub in /usr/local/lib/python3
import speech recognition as sr
from pydub import AudioSegment
from google.colab import files
uploaded = files.upload()
     Choose Files NLP.mp4

    NLP.mp4(video/mp4) - 7383583 bytes, last modified:

     7/6/2024 - 100% done
     Saving NIP mn4 to NIP (1) mn4
audio = AudioSegment.from_file("NLP.mp4") # replace with your fil
audio.export("converted_audio.wav", format="wav")
→ < io.BufferedRandom name='converted audio.wav'>
recognizer = sr.Recognizer()
# Load the audio file
with sr.AudioFile("converted_audio.wav") as source:
    audio data = recognizer.record(source)
# Perform the transcription
try:
   text = recognizer.recognize_google(audio_data)
    print("Transcription: ", text)
except sr.UnknownValueError:
   print("Google Speech Recognition could not understand audio")
except sr.RequestError as e:
    print("Could not request results from Google Speech Recognition
→ Transcription: Google
!pip install SpeechRecognition
!pip install pydub
!pip install gtts
    Requirement already satisfied: SpeechRecognition in /usr/local
     Requirement already satisfied: requests>=2.26.0 in /usr/local/
     Requirement already satisfied: typing-extensions in /usr/local
     Requirement already satisfied: charset-normalizer<4,>=2 in /us
```



The error message

because:

"FileNotFoundError: [Errno 2] No such file or directory: 'path/to/onverted_audio.wav" indicates that the Python interpreter cannot locate the audio file you are trying to transcribe. This is likely

- 1. **Incorrect File Path:** The path 'path/to/onverted_audio.wav' is a placeholder and needs to be replaced with the actual path to your audio file.
- File Does Not Exist: The file 'onverted_audio.wav' may not exist in the specified directory.

Suggested Changes

```
import speech_recognition as sr

r = sr.Recognizer()
# Replace 'actual/path/to/your/audio
with sr.AudioFile('actual/path/to/you
audio = r.record(source)

r.recognize_google(audio, language='A
```

Explanation:

1. File Path Correction: Replace the placeholder 'actual/path/to/your/audio.wav' with the actual path to your audio file. Make sure the file exists in that location.

Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/ Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/loca Requirement already satisfied: certifi>=2017.4.17 in /usr/loca

```
Requirement already satisfied: pydub in /usr/local/lib/python3 Requirement already satisfied: gtts in /usr/local/lib/python3. Requirement already satisfied: requests<3,>=2.27 in /usr/local Requirement already satisfied: click<8.2,>=7.1 in /usr/local/l Requirement already satisfied: charset-normalizer<4,>=2 in /us Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/ Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/loca Requirement already satisfied: certifi>=2017.4.17 in /usr/loca
```

import speech_recognition as sr from pydub import AudioSegment from gtts import gTTS import IPython.display as ipd

```
tts = gTTS(text)
tts.save("NLP.mp4")

# Play the generated audio
ipd.display(ipd.Audio("NLP.mp4"))
```

₹

0:00 / 0:00

2. Verify File Existence: Doublecheck that the audio file is present in the specified directory. You can use file explorer or command line tools to verify this.

If you are still facing issues, please provide the following information:

- Operating System: (e.g., Windows, macOS, Linux)
- Exact file path you are using:
- How you are running the code: (e.g., Jupyter Notebook, Python script)

This will help in providing more specific guidance.

Gemini access in Colab is available to unsubscribed users for a limited time

Enter a prompt here



X

Responses may display inaccurate or offensive information that doesn't represent Google's views. $\underline{\text{Learn more}}$