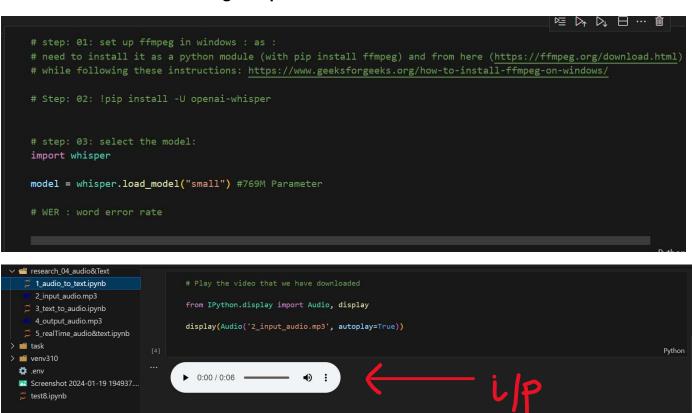
20 January 2024 05:09 PM

## 1. Audio to Text Conversion using whisper:



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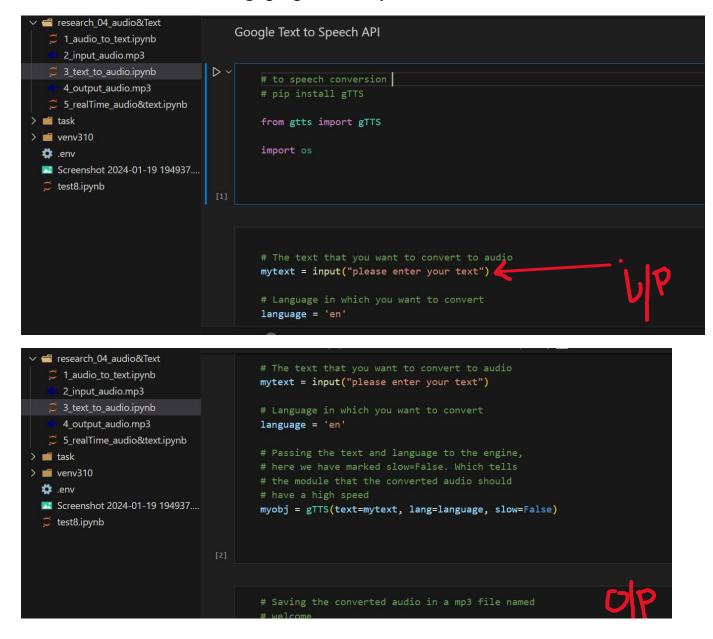
result = model.transcribe("./2\_input\_audio.mp3")

print(result["text"])

## 2. Audio to Text Conversion using "assemblyai":

```
@ III ···
EXPLORER
                                5_realTime_audio&text.ipynb • $\ \frac{1}{2} 3_text_to_audio.ipynb
TESTING
                                 research_04_audio&Text > 💆 5_realTime_audio&text.ipynb > 🧓 # `pip3 install assemblyai` (macOS)
                                + Code + Markdown | ▶ Run All り Restart ➡ Clear All Outputs | 団 Variables ☱ Outline …
                                                                                                                                           venv310 (Python 3.10.0)
> iii apple
1_audio_to_text.ipynb
                                          # `pip3 install assemblyai` (macOS)
      2_input_audio.mp3
    3_text_to_audio.ipynb
                                          import assemblyai as aai
      4_output_audio.mp3
    5_realTime_audio&text.ipynb
                                          aai.settings.api_key = "bc72a669f0364df28edbfe616afbc00d"
> iii task
 > 📹 venv310
                                         config = aai.TranscriptionConfig(auto_highlights=True)
  .env
  Screenshot 2024-01-19 194937...
                                          transcriber = aai.Transcriber()
   test8.ipynb
                                         transcript = transcriber.transcribe("2_input_audio.mp3",config=config)
                                          # for result in transcript.auto_highlights.results:
                                          print(transcript.text)
                                      Leading management consulting firm, focusing on translation the power of technology into realizable business strategies
```

## 3. Text To Audio Conversion using "google text to speech API":



```
# Saving the converted audio in a mp3 file named
# welcome
myobj.save("4_output_audio.mp3")
# Plaving the converted file
```