

➤ How to run the code?

Step – 1: An audio file's path should be given in variable 'path' present in line 10 and the audio file will be pre-processed after noise removal and will be saved separately, which is done in variable 'p' of line 15. You have to specify both the locations and in location of 'p' you can give any file name, the pre-processed file will be saved according to that name.

Step – 2: Run the 'silence_duration.py' file will execute the running of both the python files i.e., 'speech_to_text.py' and 'silence_duration.py' because 'speech_to_text.py' is imported in 'silence_duration.py'.

Output will be displayed.

➤ Platform

Any Python editor (VS Code Recommended).

➤ Dependencies

Some Python libraries should be installed before running the code:

1. noisereduce
2. librosa
3. speech_recognition
4. wavio
5. numpy
6. wave
7. struct

Sample Output

```
India to build India to base station point 65101 ke reporter medical team ko jaldi bhejen station to copy station copy that quality a gaya hai aur medical team ko bhej  
diya Gaya Hai medical team a Rahi Hogi aur Yahan per jyada hai  
Pause from [19.42, 21.0] Pause from [34.1, 35.81] Pause from [41.71, 47.07] Pause from [76.35, 78.52] Pause from [79.67, 86.2]
```