

# Assignment 4

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## Output

```
(speechEnv) C:\Users\user\Desktop\Work\University\COURSES\NLP 703\Assignments\Assignment 4>python SpeechToText.py
RECORD SPEECH
-----
Press R To Start Recording!
Recording Started. . .
Press q To Stop Recording!
Recording Finished!

DECODE SPEECH
-----
Loading Recorded File ...
Building Model ...
Converting Speech to Text ...
Transcript: The quick brown fox jumped over the lazy dog
```

Golden Answer: The quick brown fox jumped over the lazy dog

## Code Files

- recordSpeech.py (To record speech)
- SpeechToText.py (Converting speech to text using Wav2Vec model)

## Attached Files

- PyAudio wheel file (For windows pyaudio installation)
- Requirements.txt