```
D:\Python\Projects\DeepGram\.venv\Scripts\python.exe
D:\Python\Projects\DeepGram\4_test.py

ws_url =
"wss://api.deepgram.com/v1/listen?encoding=linear16&sample_rate=16000&channels=1
&diarize=true&punctuate=true&utterances=true"

# Audio Configuration
FORMAT = pyaudio.paInt16
CHANNELS = 2
RATE = 8000  # Sample rate (Hz)
CHUNK = 4000  # Chunk size in frames

# for streaming audio from device microphone
p = pyaudio.PyAudio()

        # Open audio stream from microphone
        stream = p.open(format=FORMAT,
                        channels=CHANNELS,
                        rate=RATE,
                        input=True,
                        frames_per_buffer=CHUNK)
```

_____
_____

```
Starting WebSocket connection... Press Ctrl+C to stop.
WebSocket connection established.
Microphone streaming started...

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Hi. Now we are going to take this

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Hi. How are you?

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Yes. I am fine, sir.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Speak to Texas

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: find

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: but it is not taking
```

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: weaker numbers,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: one or two,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Yeah. It's not working the

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: So

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: We can say that in not working, but

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Yep.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: While testing

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: speak to working fine.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Let's

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Yes. I think that if our conversation is

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: fine bandwidth

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Speech to text will also be fine

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: But the vision party

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d

Speaker 0
Transcript: not still being

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: It was being recognized after a very long time of conversation

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Miss

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: have already spoken more than

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: sentences, and let's

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Let's see if

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: It's going to recognize reconnect me or not because

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Already, I have speaking

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: more

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: miss

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: five sentences

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: It's so distant with

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: to enter a user from the

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Right.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: But

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: I don't know why

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: it's not working

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: sometimes it's work in sometimes

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Actually, we can see that it is working

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: at this time, but

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: speaker dia parties,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: really

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: very else thing

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: correct

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: We we can say,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: yeah, after a long and what is an

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: it's showing by

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d

Speaker 0
Transcript: Yes, maybe we are lacking in

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: some websocket Api

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: because there are some

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: three

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: As mister, one was talking,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Yeah. Definitely. Definitely. The speaker there is an

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: is our primary

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: while while we are doing the speech recognition system.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Eight

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: That has a synergies our main part, but still it is not recognizing.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: And if I will change my voice like,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Hello?

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: What is this?

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: And you already denied my voice

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: No. It is not still.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: So

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Hello?

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Where are you?

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Okay. So let me eat some

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: words like include.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Library,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: scrape

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: and

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: other things

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: and you were not still recognize recognized

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: me as speaker one

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: there are maybe some problem

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d

Speaker 0
Transcript: we are having a longer approach to this.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: No.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: The approach is not wrong because, we you tested with the C and

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: this was working fine.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: They

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: so that

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: That that would not be any approach

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: when using the Api at our website because

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: I know.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: We we have tested it with

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: different

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: page

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: We tested with the android Sdk. We tested with the Ios Sdk. We tested with

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0

Transcript: Some web socket we tested with for

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: python court

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: but

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Everywhere we is struggle to get the proper

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: the

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: with the p today.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Some bend

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: those there isn't work

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: sometimes based

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: sometimes we paid that

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: speak to Deputy also creating

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: problem.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: So maybe

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: either any limitation or

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: I don't know what exactly the

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: problem with this Api.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Okay. So now we will fix

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: support with

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: supporting and

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: I think

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: We will get some help from their side.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Yeah. Definitely. Definitely.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: So here we are recording, we we have done the changes as

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: the last conversation with you want

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: So he he was expecting the request Id

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: the proper transcripts and and other videos so that he can the
things at

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: to help us

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d

Speaker 0
Transcript: better on this

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: So

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Far, we are recording this session

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: yeah.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: We've we've done the some changes at our side as well.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: And we are going to send it

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: to the yuan and the team of Deepgram, so that they can better understand

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: what it exactly me the problem we are assessing at all

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: and

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: that they will provide a better assumption on this

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: and

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: I to solve this problem.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Yes,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0

Transcript: also looking for that

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Probably they can help us.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: We we are... I think we are speaking around

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: more than two

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: to in that, but is still showing

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: I think

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: we should save it and

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: start

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: chat

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: with some

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: weeks. Let us try

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: four one morse

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: once more time,

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: yeah.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Just save it.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Save it for the reference for. So that we we can we can share it to

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: okay.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Thank you. Thank you, team, and hoping

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: proper feedback on this

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: and

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: the both dia adjacent, and sometimes you can see

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: at some level, the

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: The speed to text is also not properly capturing.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: So

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: please through with this

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: on the point.

Request ID: f433e7be-1f23-4a68-998f-633a6cc2248d
Speaker 0
Transcript: Okay. So now I'm going to stop it.
WebSocket error:
Stopping microphone stream...
WebSocket connection closed with code: None, message: None

Process finished with exit code 0