COMPUTER NETWORKS

UG22CS252B

TITLE:-VoIP Telephony Service(using TCP)

TEAM MEMBERS:

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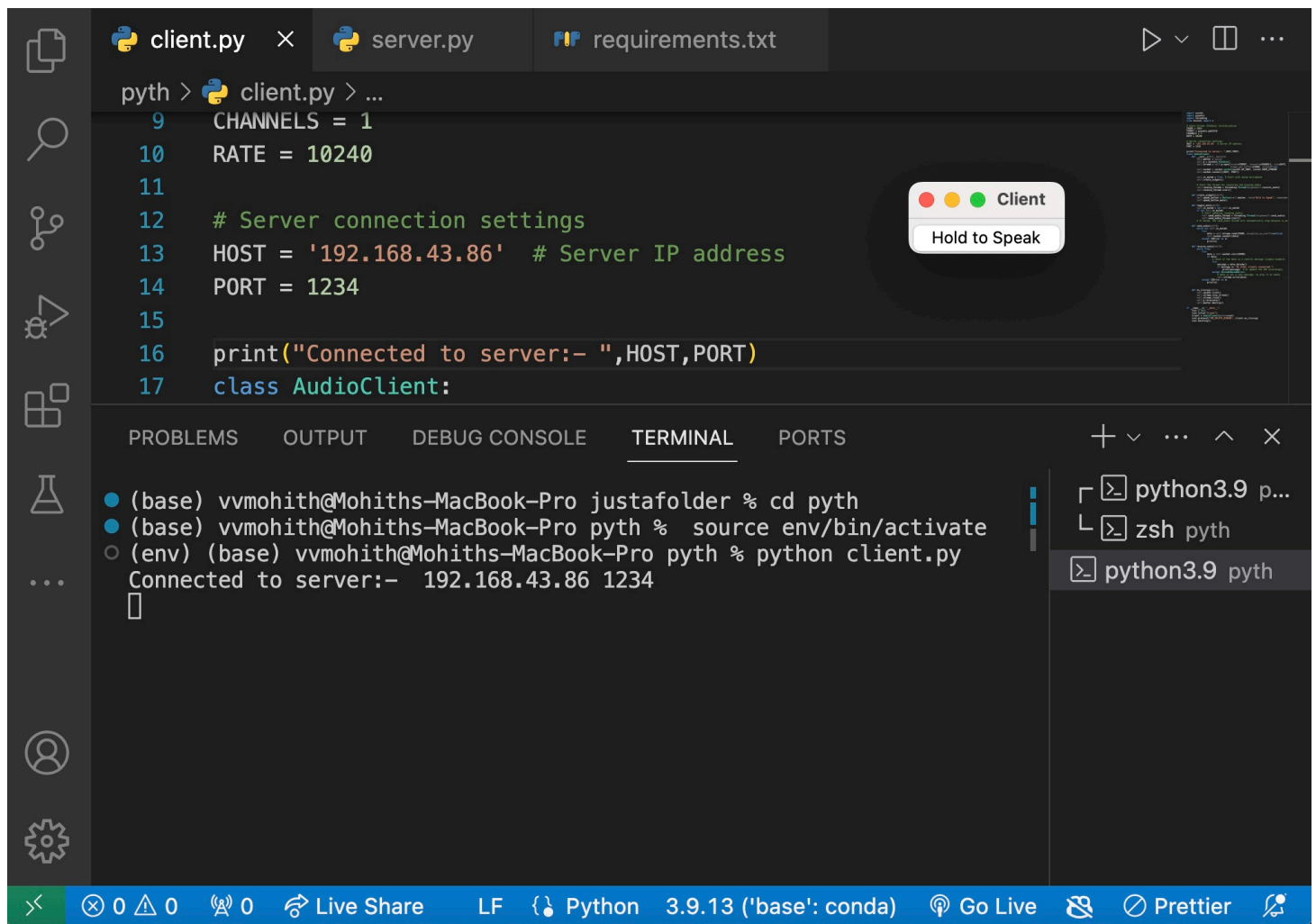
1. SERVER-SIDE OUTPUT

2. CLIENT #1 -SIDE OUTPUT

3. CLIENT #2 -SIDE OUTPUT

Client

Hold to Speak

client.py — SEM3

MERGE.C   fact.s   mutx.c   hello.c .../OS   child.c   server.py mohith   client.py mohith   requirements.txt   demo_mutex.c   demo_pipe.c

mohith > client.py > ...

```python
CHANNELS = 1
RATE = 10240

# Server connection settings
HOST = '192.168.43.86'  # Server IP address
PORT = 1234

print("Connected to :- ",HOST,PORT)
class AudioClient:
    def __init__(self, master):
        self.master = master
        self.p = pyaudio.PyAudio()
        self.stream = self.p.open(format=FORMAT, channels=CHANNELS, rate=RATE, input=True,
                                  frames_per_buffer=CHUNK, output=True)
        self.socket = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
        self.socket.connect((HOST, PORT))

        self.is_muted = True  # Start with muted microphone
        self.create_widgets()

        # Start the thread for receiving and playing audio
        self.receive_thread = threading.Thread(target=self.receive_audio)
        self.receive_thread.start()
```

PROBLEMS   OUTPUT   TERMINAL

TERMINAL

```
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[Errno 9] Bad file descriptor
(env) (base) vrashankshetty@Vrashanks-MacBook-Air mohith % python client.py
^C
(env) (base) vrashankshetty@Vrashanks-MacBook-Air mohith % python client.py
Connected to :-  192.168.43.86 1234
```

OUTLINE
TIMELINE
GO

main   0   0   Ln 16, Col 35   Spaces: 4   UTF-8   LF   {} Python   3.9.13 ('base': conda)   Go Live   Ninja   Prettier