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# ASSIGNMENT 2

Course title: object oriented programming

Name:

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## OUTPUT

1. Client class:

Menu:

1. Add Contact

2. Send Message

3. Delete Message

4. Sort Messages

5. Display Messages

6. Exit

Choose an option: 1

Enter contact name: fatima

Enter contact phone number: 789

Contact added: fatima

Server Response: hi

Menu:

1. Add Contact

2. Send Message

3. Delete Message

4. Sort Messages

5. Display Messages

6. Exit

Choose an option: 2

Enter contact name to send message: fatima

Enter your message: hi

Message sent to: fatima

Server Response: hello

Menu:

1. Add Contact

2. Send Message

3. Delete Message

4. Sort Messages

5. Display Messages

6. Exit

Choose an option: 3

Enter message index to delete (0 to 0): 0

Message deleted!

1. SERVER CLASS:

"C:\Program Files\Java\jdk-23\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3\lib\idea\_rt.jar=52182:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3\bin" -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath "C:\Users\dell\IdeaProjects\Assignment 2\out\production\Assignment 2" Server

server (fatima) is waiting for connection....

Connection is established now!

Samar says: Added Contact: fatima (789)

Enter your response: hi

Samar says: Sent Message: hi to fatima

Enter your response: hello

Samar says: Deleted Message at index 0

Enter your response:

## UML DIAGRAM:

