

## **Project 2 Task 3 Description**

1. Enters new user ID and choose 1 to add the value 10. The server adds 10 to the id 1 key and returns OK

Client Running

Enter user ID:

1

Enter number for operation:

1 - add

2 - subtract

3 - view

4 - exit

1

Enter value:

10

Message from server: OK

2. Enters same user ID and subtracts value 5. The server does the computation and returns OK.

Enter user ID:

1

Enter number for operation:

1 - add

2 - subtract

3 - view

4 - exit

2

Enter value:

5

Message from server: OK

3. Enters the same ID and this time views the result. The server sends the value which it already computed 5.

Enter user ID:

1

Enter number for operation:

1 - add

2 - subtract

3 - view

4 - exit

3

Message from server: 5

4. Presses 4 for exit the client but the server keeps running.

Enter user ID:

1

Enter number for operation:

1 - add

2 - subtract

3 - view

4 - exit

4

Exiting client... Server still running!

5. In the case of new User ID and then viewing the server just returns 0.

Enter user ID:

4

Enter number for operation:

1 - add

2 - subtract

3 - view

4 - exit

3

Received: 0

## 6. CHECKS

Client Running

Enter user ID:

*dfa*

Invalid option: Enter a number!

Enter user ID:

|

Enter number for operation:

1 - add

2 - subtract

3 - view

4 - exit

*df*

Invalid option: Enter a number!