

# **Networked Systems Programming (A.A. 2023/24)**

Lab n. 4 – November 2, 2023

Prof. Eugenio Zimeo

## **Exercise 4.1**

Write a client/server application in Java for the remote multiplication of two integers. Use the stream-oriented communication model (TCP). Exploit Wireshark to capture the data exchanged between client and server.

## **Exercise 4.2**

Write the same application of exercise 4.1 by using the datagram-oriented communication model (UDP). Exploit Wireshark to capture the data exchanged between client and server.

## **Exercise 4.3**

Write a Java version of exercise 3.1 (chat). Exploit Wireshark to capture the data exchanged between client and server.

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Upload the exercises of this lab into your shared folder today before November 6, 2023.