

# Lab 1

1. Write the following client-server applications using the classes `Server` and `ServerSocket` from Java
  - (a) the server component simulates the echo service of the operating system that reply with the string that the client component sends;
  - (b) the server component simulates the NTP service that reply with the information related to the current time;
2. Write a client component that inspects the openness of the ports of the operating system of a certain computer (port number  $< 1024$ ).