

## Distributed Systems – mini Project 1

### System Requirements:

- Project **MUST** written in GO programming language.
- project **SHALL** sort a file contains int numbers.
- Student **MUST** implement any sorting algorithm suitable for this task.
- Student **MUST NOT** use any built-in functions for sorting (implement the algorithm from scratch).
- Project **MUST** write file after completion of task.
- the written file **MUST** contain the sorted numbers of the input file.

### SSH:

Is a secured protocol for remote connection. Read more:

<https://www.ssh.com/ssh/protocol/>

### How to run:

- Complete the code on your own machine.
- Download **PuTTY** Software.
- enter the server IP address : **193.227.9.124**
- enter the port number : **55442**
- select **SSH** protocol.

- the program will open a command prompt of the remote machine.
- it will ask you for the username and the password. Every pair of students will be provided by as username and a password.
- download **FileZilla** software. It is software for uploading and downloading files from a remote machine.
- upload your code and try to run it remotely.