Rules for the socket programming test at LABINF

Before the exam date, you can upload any resource related to socket programming in your home directory. It is strongly suggested that you upload the text of the lab assignments and your solutions to the exercises developed during the laboratory activity of the course. Other material can be slides in electronic format and any other resource that you deem useful to solve the socket programming assignment. Simply put your files in a folder in your home directory. Be careful not to exceed the disk quota for your user. Leave **at least 50 Mbytes of free space** in order to ensure that, during the test, you can run the final tests without problems and you can make experiments with large files.
It is suggested that you DO NOT store files in ZIP format, since if there is a problem with the file the whole file content might be inaccessible. Also, note that decompressing ZIP files in your home directory requires space and you might exceed your quota. Also, if you uploaded files with the LABINF FTP service (net2ftp), make sure that such files are not corrupted by downloading and checking them after upload (if space is not enough files may be corrupted without warning). It is always recommended that you check, directly at the LABINF, that all the material you need during the exam is working properly.

It is also possible to bring ONE PIECE of your own paper material, that is, one set of bound notes ("appunti rilegati o pinzati") or one book, but it must be permanently marked with your first and last name. The material can be used only by yourself and it cannot be exchanged with your colleagues.

On the day of the exam, Internet access will be disabled and it will not be possible to use any means (including USB keys) to upload/download data from/to your home directory (consider this when selecting the material to upload). Note that the exam assignment is individual, thus you cannot communicate with other people in the lab except the teachers.
During the test, anybody attempting to use USB keys, mobile phones or other personal electronic devices, or attempting to communicate with other people except the teacher, will be expelled out of the lab and his/her whole exam will be considered failed (including the web programming part). In addition, this incident will be reported to the School authorities. The same will be applied to all the students involved.

On the day of the exam, you will find a special folder in your home directory with the assignment and any files which are required to solve it, similarly to what you can see in the exam examples available in the course web portal.
You will use the programs (editors etc.) installed on the LABINF PC to solve the assignment, that is, to write a fully functional solution that, at the end, you will pack into a zip file, left in the same folder, as explained in the assignment instructions (same as in the examples). After the test is finished, write access to the folder will be blocked and the files in it will be automatically collected and sent to the teachers. Important: any file not left in this folder CANNOT be considered for the exam.

During the development of your solution you will have the opportunity to test your solution with a test program, to check the basic functionality of your program, as in the exam examples. If your program does not pass these tests it is unlikely that you can pass the exam. In addition to these, more tests will be done to evaluate your program. If clarifications are required about the program evaluation, they can be asked while discussing the web programming assignment with the teacher a few days later. The dates will be decided on the day of the exam, depending on the lab availability and the number of people attending the exam.

NB: For students who have attended the first 3 years at Politecnico di Torino: there is no problem in logging in LABINF PCs with your old student ID number ("matricola"): we can handle this situation.
Y
o
u

c
a
n

i