

Computer Programming 2 Test 4 - May 27th 2022

- You have 2 hours to complete the assignment.
- If the code does not compile, the exercise won't be accepted for submission.
- Tests are provided to check if your code is correct. You cannot modify the tests!
- If a test does not pass, that exercise won't be accepted for submission.
- Code is expected to be readable, clean, and optimal.
- A skeleton of the exercise is provided. Feel free to add more files and/or include more libraries if you need them.
- To check if your code is correct, you can write the code you need in the `main()` of the file `main.cpp`, but leave it unchanged before submitting the exam.
- When you finish, ZIP the whole folder with a filename called "lastname_name.zip"

Exercise.

Implement the **quick search** algorithm to sort an array of type "Score" by increasing and decreasing order of kill rate.

That means, when "*QuickSortIncreasingKillRate*" is called, the array should be sorted so that the score with the lowest kill rate is at the first position, the score with the second lowest kill rate at the second position, etc.

When "*QuickSortDecreasingKillRate*" is called, the array should be sorted so that the score with the highest kill rate is at the first position, the score with the second highest kill rate at the second position, etc.