1. Implement selection sort and bubble sort.
    a. Only C++ and Java are allowed
    b. You will need to take input from a file. The input format is described in the next section.
    c. You cannot use built-in selection sort and bubble sort.

2. Input and output format:
    a. The first line of the file will describe how many inputs there are in the file. Let us call this value k.
    b. In each of the following k lines, there will be a series of integers:

Input	Output
2 1 9 6 2 -1 0 5 3 15 4 1 2	-1 0 1 2 6 9 1 2 3 4 5 15
3 7 3 1 8 0 2 2 1 2 3 4 -1 0 1 3 1 2 4	0 1 2 3 7 8 -1 1 2 2 3 4 0 1 1 2 3 4

    c. The output will print the integers as sorted.
    d. The output will have to be printed in a file.

3. Bonus task.
    a. Use generics/template to handle any data type.
    b. For each of the cases, you have to report the number of swaps that happened.

4. Note that the spec might be updated a few times until the submission deadline with additional details and modifications. Check ELMS from time to time if there are any additional updates/requirements.

5. Submission requirements:
    a. Take all the codes(only codes) and put them in a folder with your roll number as the name of the folder.
    b. Compress it in .zip format and submit it.