



## International Olympiad in Informatics 2015

26th July - 2nd August 2015

Almaty, Kazakhstan

Day 2

**notice**

Language: en-ISC

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# Implementation Notice

- You have to submit exactly one file.
- This file should contain the implementation of subprograms described in the task statement.
- These subprograms must behave as described in the task statement.
- A sample implementation of the file is provided.
- The sample implementation contains the correct function signatures and all other syntax necessary for proper compilation. (E.g., in C++ the sample implementation includes all necessary header files.)
- Your submissions must not interact in any way with standard input/output, nor with any other file.

# Limits

Task	Time Limit	Memory Limit
horses	1.5 second	1500 MB
sorting	1 second	1500 MB
towns	1 second	1500 MB