



## Day 2 Notice

For all tasks:

- There is an attachment package that you can download from the contest system.
- The attachment package contains sample graders, sample implementations, example test cases, and compile scripts.
- You may make up to 50 submissions for each task, and you have to submit exactly one file in each submission.
- The name of the file that you should submit is given in the task statement header.
- Your submissions **must not** perform any of the following actions, which result in an unspecified grading verdict (typically `Security Violation`):
  - read from the standard input, write to the standard output, or interact with any other file,
  - call `exit()` or `System.exit()`.
- When testing your programs with the sample grader, your input should match the format and constraints from the task statement, otherwise, unspecified behaviors may occur.
- In sample grader inputs, every two consecutive tokens on a line are separated by a single space, unless another format is explicitly specified.
- When you test your code on your local machine, we recommend you to use scripts in the attachment package. Otherwise, especially in C++, make sure to add `-std=gnu++17` option to compile.
- If you are unable to submit to CMS, you can use the `ioisubmit` tool to store your code for evaluation after the end of the contest.
  - Run `ioisubmit <task_shortname> <source_file> in directory with <source_file>`.
  - Ask your proctor to take a picture of the output of `ioisubmit` and send it to the organizers. Your submission will not be considered unless this step was done.

## Convention

The task statements specify signatures using generic type names `void`, `int`, `int[]` (array), `int64`, and `int64[]` (array).

In each of the supported programming languages, the graders use appropriate data types or implementations, as listed below

Language	void	int	int[]	int64	int64[]	length of array a
C++	void	int	std::vector<int>	long long	std::vector<long long>	a.size()
Java	void	int	int[]	long	long[]	a.length

## Limits

Task	Name	Time limit	Memory Limit
biscuits	Packing Biscuits	1.000 second	2.00 GiB
mushrooms	Counting Mushrooms	2.000 seconds	2.00 GiB
stations	Stations	1.000 second	2.00 GiB