

Understanding judge feedback

When our server marks your program against a test case, you will receive one of several responses. Here's what they mean...

Correct!

Your program passed all our tests. Congrats!

Wrong Answer

Your program produced output that was different from what we expected. Make sure your program's output is in the format described in the task statement. Check for spelling errors, and extra spaces and blank lines. You can check the output of your program on the sample cases by hovering over them on the submission page.

Note: blank lines are not always displayed on the judging page, so your output may look correct but receive Wrong Answer if you have extra blank lines in your output.

Time Limit Exceeded

Your program took more processor time than expected to solve a particular case and the process was killed. You need to check for infinite loops or think of a faster algorithm. If you are using Python then you could try submitting with PyPy, which will generally be faster in most (but not all) cases.

Note: Sometimes tests will show Time Limit Exceeded but it was actually the memory limit that exceeded. Check the memory used for that test case against the memory allowed for the problem. You can find the problem's limits at the top of the problem statement.

Time Limit Exceeded (Wall)

Your program took more total time, including the time other processes were using the CPU, than allowed. This might happen if your program used sleep or wait commands. Sometimes your program exceeded the normal time limit but your program just wouldn't die! The wall time limit is always greater than the time limit.

Memory Limit Exceeded

Your program tried to use too much RAM. Try thinking of a different algorithm that uses less memory.

Runtime Error

Your program gave an error while it was running. You might need to think about edge cases such as dividing by zero. Note: for interpreted languages such as python, this could also indicate a syntax error.

Fatal Signal

Something very bad happened and your program was terminated while it was running, e.g. Segmentation faults, null pointers, outside array bounds. Usually you are accessing memory that you are not allowed to.

Compile Error, e.g.

```
Compilation g++ -version | head -n 1 |>62 66 g++ -std=gnu++17 -O2 -o program.exe tmp/program.cpp -ls  Compilation Error
g++ (Ubuntu 9.4.0-1ubuntu1-16.04) 9.4.0
tmp/program.cpp: In function 'int main()':
tmp/program.cpp:6:27: error: 'endl' was not declared in this scope; did you mean 'std::endl'?
   6 |         std::cout << a + b << endl;
     |                             ^~~~~
     |                             |
     |                             std::endl
In file included from /usr/include/c++/9/ostream:39,
                 from tmp/program.cpp:1:
/usr/include/c++/9/ostream:599:5: note: 'std::endl' declared here
  599 |         endl(basic_ostream<_CharT, _Traits>& __os)
     |         ^~~~~
```

For compiled languages, such as C, your program is compiled by our server first. If something goes wrong, the compile error will be shown. Note: Double check you have selected the correct language in the drop down. E.g.

100% - Like a boss.

Problem: Welcome to the NZIC

Language: C++17

Score: 100

Partial Score 0.80/1.00

On some problems you will be able to earn partial points. Check the task statement for an explanation of how the scoring works. Your score for a subtask will be the minimum partial score amongst all test cases in the subtask multiplied by the points available for that subtask.

Cancelled

This indicates that you have failed a prerequisite test case and the judging server has not marked your program against the rest of the test cases. For feedback check the verdict of the test cases that have been judged.