

# IOI'94 - Day 1 - Problem 1: The Triangle

## Competition Rules

## Problem Statement

Example input and output files from the problem statement:

- ┆ [Input](#) / [Output](#) (5 rows; maximum route sum = 30)

There are 6 tests. Each successfully completed test gives 5 points. Therefore the maximum number of points for this problem is 30. The maximum execution time is 30 seconds per test.

## Test Data

**N.B.** The following test data were not available during the competition. They were used to judge the programs of the competitors after the competition.

1. [Input](#) / [Output](#) (6 rows; maximum route sum = 469)
2. [Input](#) / [Output](#) (10 rows; maximum route sum = 727)
3. [Input](#) / [Output](#) (15 rows; maximum route sum = 976)
4. [Input](#) / [Output](#) (30 rows; maximum route sum = 2135)
5. [Input](#) / [Output](#) (60 rows; maximum route sum = 4466)
6. [Input](#) / [Output](#) (100 rows; maximum route sum = 7178)

## Analysis and Solution