3/11/2018 HackerRank



Practice

() Compete















Dashboard > C++ > Introduction > Functions

Points: 255 Rank: 17106

Functions



Problem

Submissions

Leaderboard

Discussions

Editorial

Functions are a bunch of statements glued together. A function is provided with zero or more arguments, and it executes the statements on it. Based on the return type, it either returns nothing (void) or something.

A sample syntax for a function is

```
return_type function_name(arg_type_1 arg_1, arg_type_2 arg_2, ...) {
    ...
    ...
    [if return_type is non void]
        return something of type `return_type`;
}
```

For example, a function to read four variables and return the sum of them can be written as

```
int sum_of_four(int a, int b, int c, int d) {
   int sum = 0;
   sum += a;
   sum += b;
   sum += c;
   sum += d;
   return sum;
}
```

You have to write a function int max_of_four(int a, int b, int c, int d) which reads four arguments and returns the greatest of them.

```
+=: Add and assignment operator. It adds the right operand to the left operand and assigns the result to the left operand. a += b is equivalent to a = a + b;
```

Input Format

Input will contain four integers - a, b, c, d, one in each line.

Output Format

Print the greatest of the four integers. *PS*: I/O will be automatically handled.

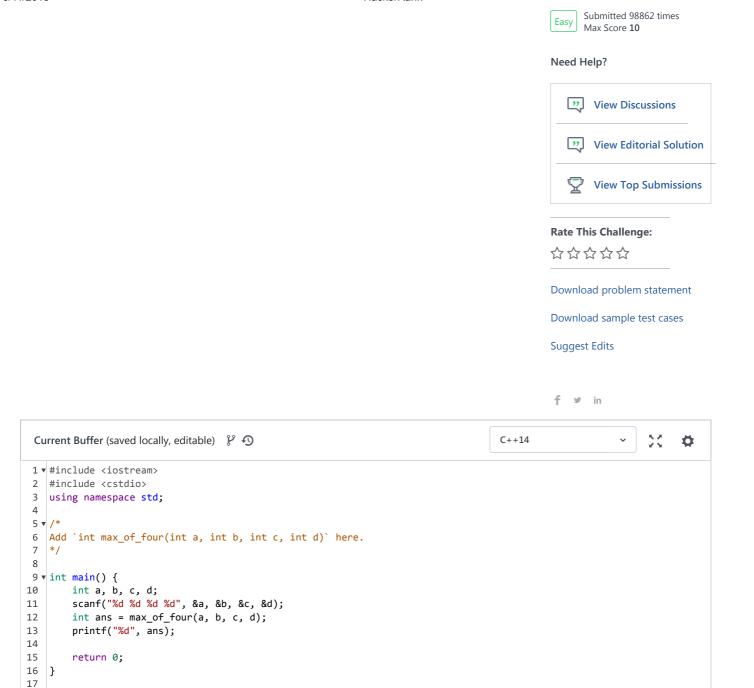
Sample Input

- 3
- 4
- 5

Sample Output

6

3/11/2018 HackerRank



<u>Upload Code as File</u> Test against custom input

Run Code

Submit Code

 $Contest\ Calendar |Blog|Scoring|Environment|FAQ|About\ Us|Support|Careers|Terms\ Of\ Service|Privacy\ Policy|Request\ a\ Feature$

18

Line: 1 Col: 1