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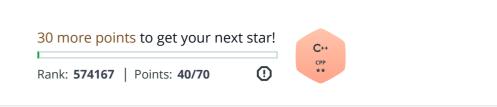
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in

 $\label{eq:condition} \textit{Prepare} \ \gt \ \textit{C++} \ \gt \ \textit{Introduction} \ \gt \ \textit{Functions}$ 

## **Functions** ★



abhiranjan

Easy

549820

10

```
Problem
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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.
The 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 return the sum of four parameters 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;
Write a function int max_of_four(int a, int b, int c, int d) which returns the maximum of the four arguments it receives.
  +=: Add and assignment operator. It adds the right operand to the left operand and assigns the result to the
  a += b is equivalent to a = a + b;
Input Format
Input will contain four integers - a, b, c, d, one per line.
Output Format
Return the greatest of the four integers.
PS: I/O will be automatically handled.
Sample Input
  3
  6
  5
Sample Output
  6
```

```
Change Theme Language C++
                                                                             1
     #include <iostream>
     #include <cstdio>
    using namespace std;
 4
    Add `int max_of_four(int a, int b, int c, int d)` here.
 7
     */
     int max_of_four(int a, int b, int c,int d);
 9
10
    int main() {
11
         int a, b, c, d;
12
         scanf("%d %d %d %d", &a, &b, &c, &d);
13
14
         int ans = max_of_four(a, b, c, d);
        printf("%d", ans);
15
16
17
         return 0;
    }
18
19
20
    int max_of_four(int a, int b, int c,int d) {
21
22 }
```

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Line: 21 Col: 5 Submit Code Run Code  $\ \, \underline{\uparrow} \ \ \, \textbf{Upload Code as File}$ Test against custom input

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