



















Classes Challenges





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struct is a way to combine multiple fields to represent a composite data structure, which further lays the foundation for Object Oriented Programming. For example, we can store details related to a student in a struct consisting of his age (int), first\_name (string), last\_name (string) and standard (int).

struct can be represented as

```
struct NewType {
    type1 value1;
    type2 value2;
    typeN valueN;
};
```

You have to create a struct, named Student, representing the student's details, as mentioned above, and store the data of a student.

## **Input Format**

Input will consist of four lines.

The first line will contain an integer, representing age.

The second line will contain a string, consisting of lower-case Latin characters ('a'-'z'), representing the first\_name of a student. The third line will contain another string, consisting of lower-case Latin characters ('a'-'z'), representing the last\_name of a student. The fourth line will contain an integer, representing the standard of student.

Note: The number of characters in first\_name and last\_name will not exceed 50.

## **Output Format**

Output will be of a single line, consisting of age, first\_name, last\_name and standard, each separated by one white space.

P.S.: I/O will be handled by HackerRank.

## **Sample Input**

```
15
john
carmack
10
```

## **Sample Output**

```
15 john carmack 10
```

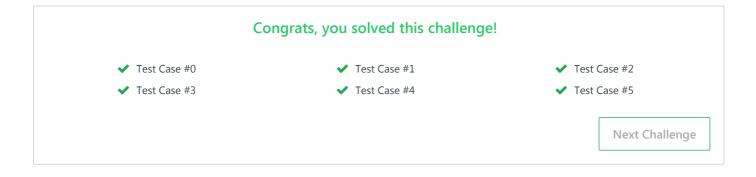
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Submissions: 31156 Max Score: 10 Difficulty: Easy

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More C++ Current Buffer (saved locally, editable) & • • \* 1 ▼ #include <cmath> 2 #include <cstdio> 3 #include <vector> 4 #include <iostream> 5 #include <algorithm> 6 using namespace std; 7 8 ▼ /\* 9 add code for struct here. 10 \*/ 11 ▼ struct Student { 12 int age; 13 string first\_name; 14 string last\_name ; 15 int standard; 16 }; 17 18 19 ▼ int main() { Student st; 20 21 22 cin >> st.age >> st.first\_name >> st.last\_name >> st.standard; cout << st.age << " " << st.first\_name << " " << st.last\_name << " " << st.standard;</pre> 23 24 25 return 0; } 26 27 Line: 16 Col: 3

<u>1 Upload Code as File</u> ☐ Test against custom input ☐ Run Code ☐ Submit Code



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