



ST2-PRACTICE

1d 23h
to test end

12/18 Attempted

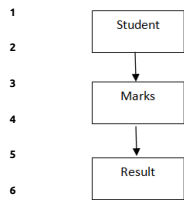
Mehak Goyal



☆ Coding-10marks



Given the following inheritance structure of classes that represents the student details, marks in 3 subjects and Result respectively, generate the sample output.



Sample Input:

12
Raam
12
34
56

Sample Output:

12
Raam
102

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour.

[Start tour](#)

Draft saved 09:50 am

[Original code](#)

C++



```
1
2
3 #include <map>
4 #include <set>
5 #include <list>
6 #include <cmath>
7 #include <ctime>
8 #include <deque>
9 #include <queue>
10 #include <stack>
11 #include <string>
12 #include <bitset>
13 #include <cstdio>
14 #include <limits>
15 #include <vector>
16 #include <climits>
17 #include <cstring>
18 #include <cstdlib>
19 #include <fstream>
20 #include <numeric>
21 #include <sstream>
22 #include <iostream>
23 #include <algorithm>
24 #include <unordered_map>
25
26 using namespace std;
27 class Result
28 {
29 public:
30     char *p;
31     int l;
32     int roll,total;
33     string name;
34     int marks[3];
35     Result(int r,char *n,int *m)
36     {
37         roll=r;
38         l=strlen(n);
39         p=new char[l+1];
40         strcpy(p,n);
41         total=m[0]+m[1]+m[2];
42         cout<<roll<<endl<<p<<endl<<total;
43     }
44 };
45 int main() { }
```

Line: 3 Col: 1



Test against custom input

[Run Code](#)[Submit code & Continue](#)

(You can submit any number of times)

[Download sample test cases](#) The input/output files have Unix line endings. Do not use Notepad to edit them on windows.



ST2-PRACTICE

⌚ 1d 23h
to test end

12/18 Attempted

👤 Mehak Goyal



1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18