

Hackerrank 3

Solve Test 3 1665376091: Questio

hackerrank.com/contests/test-3-1665376091/challenges

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Test 3 1665376091

Details

Challenges

Rectangle Area

Success Rate: 100.00%Max Score: 25Difficulty: Easy

Try Again

Virtual Functions

Success Rate: 100.00%Max Score: 40Difficulty: Medium

Try Again

Overloading Ostream Operator

Success Rate: 100.00%Max Score: 20Difficulty: Medium

Try Again

Overload Operators

Success Rate: 100.00%Max Score: 30Difficulty: Easy

Try Again

Operator Overloading

Success Rate: 100.00%Max Score: 25Difficulty: Medium

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Contest ends in 12 minutes

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Review Submissions

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Windows Taskbar

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Hackerrank 3Virtual Functions Submission #1+

hackerrank.com/contests/test-3-1665376091/challenges/virtual-functions/submissions/code/1350048227

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Virtual Functions

Problem

Submissions

Leaderboard

Discussions

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✓

Test Case #0

✓

Test Case #1

✓

Test Case #2

✓

Test Case #3

✓

Test Case #4

✓

Test Case #5

✓

Test Case #6

✓

Test Case #7

✓

Test Case #8

✓

Test Case #9

✓

Test Case #10

✓

Test Case #11

✓

Test Case #12

Submitted Code

Language: C++

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```
#include <iostream>
using namespace std;

class Person {
public:
    virtual void getData() = 0;
    virtual void putData() = 0;
protected:
    string name;
    int age, subId;
};

class Professor : public Person {
public:
    Professor() {
        id = current_id++;
    }
    void getData() {
        cout << name << endl;
    }
    void putData() {
        cout << name << " " << age << " " << id << endl;
    }
private:
    int sub;
    int id;
    static int current_id;
};

class Student : public Person {
public:
    Student() {
        id = current_id++;
    }
    void getData() {
        int i;
        cout << name << endl;
        for (auto mark : marks) {
            cout << mark << " ";
        }
    }
};
```

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Overloading Ostream Operator

Submitted a few seconds ago • Score: 20.00

Status: Accepted

Submitted Code

Problem

Submissions

Leaderboard

Discussions

Status: Accepted

Submitted Code

Language: C++ [Open in editor](#)

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Hackerrank 3Operator Overloading Submission

hackerrank.com/contests/test-3-1665376091/challenges/operator-overloading/submissions/code/1350048337

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All Contests > Test 3 1665376091 > Operator Overloading

Operator Overloading

ProblemSubmissionsLeaderboardDiscussions

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✓ Test Case #0

✓ Test Case #1

✓ Test Case #2

✓ Test Case #3

✓ Test Case #4

✓ Test Case #5

✓ Test Case #6

✓ Test Case #7

✓ Test Case #8

✓ Test Case #9

✓ Test Case #10

Submitted Code

Language: C++[Open in editor](#)

```
1class Matrix{
2
3public:
4    vector<vector<int>> > a;
5
6    Matrix & operator + (const Matrix &y) {
7
8        for (int m=0; m<y.a.size(); ++m) {
9            for (int n=0; n<y.a[0].size(); ++n) {
10                this->a[m][n] = this->a[m][n] + y.a[m][n];
11            }
12        }
13
14        return *this;
15    }
16};
```

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