

# 2020 UCC Coding Competition

## Step-By-Step Instructions

### 1: Get Problem

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2020 Official Problem Set

[View Problems!](#)

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### 2. Read & Solve Problem

#### **Problem 0: Multiplication (EXAMPLE PROBLEM)**

You are a math student who needs to multiply 2 numbers.

#### Input Specification

The input will be A and B, two integers in one line separated by spaces.

#### Output Specification

Output the product A times B.



```
#include <iostream>

int main() {
    using namespace std;
    int a,b;
    cin >> a >> b;
    cout << a*b << endl;
    return(0);
}
```

### 3. Test Your Program with Example Test Data

Test Data Provided Below. Click each problem to reveal.

[Problem 0 - Multiplication](#)

P0 - Example Test Case 1

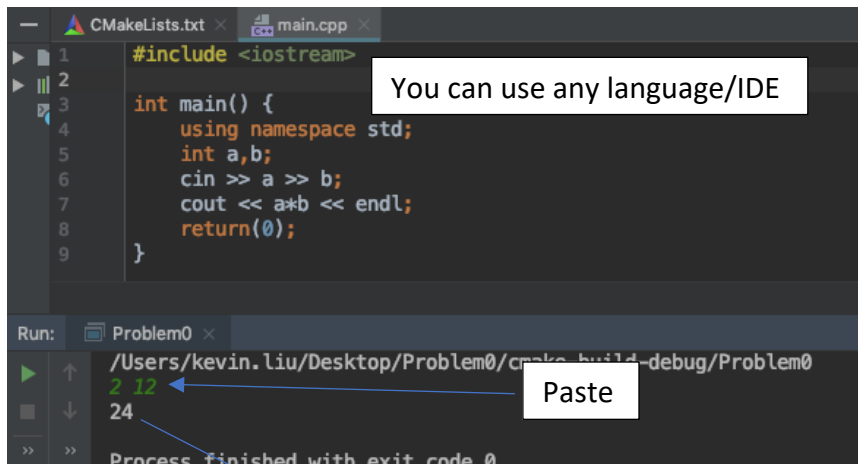
Copy test data - case 1

Press button to copy test data

2 12

Expected output: 24

You should get 24 as the answer



The screenshot shows a C++ IDE with a file named `main.cpp` open. The code is as follows:

```
1 #include <iostream>
2
3 int main() {
4     using namespace std;
5     int a,b;
6     cin >> a >> b;
7     cout << a*b << endl;
8     return(0);
9 }
```

Below the code editor, a terminal window titled "Run: Problem0" shows the execution path and output:

```
/Users/kevin.liu/Desktop/Problem0/cmake-build-debug/Problem0
2 12
24
Process finished with exit code 0
```

You can use any language/IDE

This might look different for you depending on your preferred development environment (IDE) and language.

Paste

Answer matches! Program is likely correct.

## 4. Answer Scored Test Cases

P0 - Scored Test Case 1 (5/10 Marks)

Copy test data - case 1

```
3 13
```

P0 - Scored Test Case 2 (5/10 Marks)

Copy test data - case 2

```
12 14
```

Same procedure as testing example test cases (copy-paste the test data into your program), but you need to produce the answer this time.

```
3 13
39
Process finished with exit code 0
12 14
168
Process finished with exit code 0
```

Your answers: 39 for test case 1, and 169 for test case 2.

## 5. Submit Answers on Google Form (AT END OF CONTEST – THIS SUBMITS THE ENTIRE CONTEST)

### Answer Form

Use this to submit your FINAL answers

Submission Form



### Problem 0 - Multiplication

Test Case 1 (5/10): Answer Below

39

Test Case 2 (5/10): Answer Below

169