

1. Program

## Question 1

Revisit Later

### How to Attempt?

#### Is N an exact multiple of M?

Write a function that accepts two parameters and finds whether the first parameter is an exact multiple of the second parameter.

If the first parameter is an exact multiple of the second parameter, the function should return 2 else it should return 1.

If either of the parameters are zero, the function should return 3.

**Assumption:** Within the scope of this question, assume that -

- the first parameter can be positive, negative or zero
- the second parameter will always be  $\geq 0$

JAVA6

Compiler: Java - 1.6

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public int isMultiple(int input1,int input2){
9         // Read only region end
10        // Write code here...
11        if(input1==0 || input2==0)
12
13            return 3;
14
15        else if(input1%input2==0)
16
17            return 2;
18
19        else
20
21            return 1;
22        }
23 }
```

☐ Use Custom Input

1

Compile and Test

Submit Code

1. Program

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Attempted: 1/1

#### Default 1

##### CODE EXECUTION DETAILS

Time: 273 ms

Memory: 103812 kb

##### TEST CASE INFORMATION

Input

5,2

Expected Output

1

Actual Output

1

##### CONSOLE OUTPUT

##### STANDARD ERROR/WARNING

None

#### Default 2

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### Code Execution Code History

0/6 - Graded Test Cases Failed

✓ Basic 1

✓ Basic 2

✓ Basic 3

✓ Basic 4

✓ Necessary 1

✓ Necessary 2

✓ Corner 1

✓ Corner 2