

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         if(input1==0 || input2==0)
11
12             return 3;
13
14         else if(input1%input2==0)
15
16             return 2;
17
18         else
19
20             return 1;
21
22     }
23 }
```

☐ Use Custom Input

①

Compile and Test

Submit Code

1. Program

0

1

Attempted: 1/1

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Code Execution Code History

0/2 - Sample Test Cases Failed

## Default 1

## CODE EXECUTION DETAILS

Time: 163 ms

Memory: 103812 kb

## TEST CASE INFORMATION

Input

5.2

Expected Output

1

Actual Output

1

## CONSOLE OUTPUT

## STANDARD ERROR/WARNING

1. Program

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Attempted: 1/1  
Default 1

## CODE EXECUTION DETAILS

Time: 163 ms

Memory: 103812 kb

## TEST CASE INFORMATION

Input

5,2

Expected Output

1

Actual Output

1

## &gt;\_ CONSOLE OUTPUT

## STANDARD ERROR/WARNING

None

Default 2

1. Program

0

&lt; 1 &gt; ⌵ ⌵

Attempted: 1/1

## Question 1

🔖 Revisit Later

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## Code Execution Code History

0/8 - Graded Test Cases Failed

✓ Basic 1

✓ Basic 2

✓ Basic 3

✓ Basic 4

✓ Necessary 1

✓ Necessary 2

✓ Corner 1

✓ Corner 2

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## Code Execution

0/8 - Graded

Basic

Basic

Basic

Basic

Neces

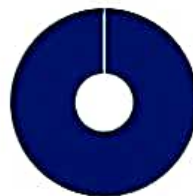
Neces

Corre

Corre

## Finish Test

Remaining Time: 00:57:23



## Your Test Summary

**1** Total Questions

- Attempted: 1/1
- Marked for Revisit: 0/1
- Unattempted: 0/1

## Section Summary

#	SECTION NAME	STATUS
1.	Program Untimed Section	<div><div>1</div></div> <div>Total: 1 Questions</div>

Yes, End Test!

No, Back to Test