

1. Program

0

Question 1

Revisit Later

How to Attempt?

isPrime?

Write a function that finds whether the given number N is Prime or not. If the number is prime, the function should return 2 else it must return 1.

Assumption: $2 \leq N \leq 5000$, where N is the given number.

Example1: if the given number N is 7, the method must return 2

Example2: if the given number N is 10, the method must return 1

Attempted: 1/1

JAVA7

Compiler: Java - 1.7

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public int isPrime(int input1){
9         // Read only region end
10        int count=0;
11        for(int i=2;i<=Math.sqrt(input1);i++)
12        {
13            if(input1%i==0)
14                count++;
15        }
16        if(count==0)
17            return 2;
18        else
19            return 1;
20    }
21 }
22
```

☐ Use Custom Input

ⓘ

Compile and Test

Submit Code

1. Program

Question 1

Revisit Later

How to Attempt?

isPrime?

Write a function that finds whether the given number N is Prime or not. If the number is prime, the function should return 2 else it must return 1.

Assumption: $2 \leq N \leq 5000$, where N is the given number.

Example1: if the given number N is 7, the method must return 2

Example2: if the given number N is 10, the method must return 1

Default 2

CODE EXECUTION DETAILS

Time: 160 ms

Memory: 103812 kb

TEST CASE INFORMATION

Input

10

Expected Output

1

Actual Output

1

CONSOLE OUTPUT

STANDARD ERROR/WARNING

None

Default 1

1. Program

1

+

📄

Attempted: 1/1

Question 1

🔖 Revisit Later

How to Attempt?

isPrime?

Write a function that finds whether the given number N is Prime or not.
If the number is prime, the function should return 2 else it must return 1.

Assumption: $2 \leq N \leq 5000$, where N is the given number.

Example1: if the given number N is 7, the method must return 2

Example2: if the given number N is 10, the method must return 1

Code Execution

Code History

0/8 - Graded Test Cases Failed

✓ Corner 2

✓ Corner 1

✓ Necessary 2

✓ Necessary 1

✓ Basic 4

✓ Basic 3

✓ Basic 2

✓ Basic 1

1. Program

1

Question 1

Revisit Later

How to Attempt?

isPrime?

Write a function that finds whether the given number N is Prime or not. If the number is prime, the function should return 2 else it must return 1.
Assumption: $2 \leq N \leq 5000$, where N is the given number.

Example1: if the given number N is 7, the method must return 2
Example2: if the given number N is 10, the method must return 1

Code Execution

0/8 - Graded

Correct

Correct

Necessary

Necessary

Basic

Basic

Basic

Basic

Mercer

mettl


Sai.sushmitha.J
LP_Practice_isPrime / Saved: 30 seconds ago

Mettl Online Assessment © 2021-2031

Need Help? Contact us: +1 (800)

Finish Test

Remaining Time: 00:56:30



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>1</div> Total: 1 Questions

Yes, End Test!

No, Back to Test