

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

✓ Corner 2

✓ Corner 1

✓ Necessary 2

✓ Necessary 1

✓ Basic 4

✓ Basic 3

✓ Basic 2

✓ Basic 1



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JAVA7

Compiler: Java - 1.7



```
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 }
```

☐ Use Custom Input

Compile and Test

Submit Code

