

Daily Test

Happy Coding from necse



SkillRack

Time Left: 00:06:23

Product of Prime Numbers in the Given Range

Accept a start value X and an end value Y as input. The program must print the product of prime numbers in the given range X and Y.

Boundary Condition(s):

1 <= X, Y <= 999

Input Format:

The first line contains the start value and the end value.

Output Format:

The first line contains the product of prime numbers in the given range.

Example Input/Output 1:

Input:

2 10

Output:

210

Explanation:

Prime numbers in the given range 2 to 10 are 2,3,5,7. Product of the prime numbers is 210 ($2*3*5*7 = 210$).

Thus, the output is 210.

Example Input/Output 2:

Input:

30 40

Output:

1147

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)



```
1  import java.util.*;
2  public class Hello {
3      public static boolean isPrime(int n){
4
5          if(n==0 && n==1){
6              return false;
7          }
8          if(n==2){
9              return true;
10         }
11         for(int i=2;i<=n/2;i++){
12             if(n%i==0){
13                 return false
14             }
15         }
16         return true;|
17     }
18
19     public static void main(String[] args) {
20         //Your Code Here
21         Scanner sc=new Scanner(System.in);
22         int a=sc.nextInt();
23         int b=sc.nextInt();
24         int p=1;
25         for(int i=a;i<=b;i++){
26             if(isPrime(i)){
27                 p*=i;
28             }
29         }
30         System.out.print(p);
31
32     }
33 }
```

1912080@nec

Save

Run