🏆 **LeaderBoard & Yesterday's Solution(/faces/candidate/leaderboarddailychallenge.xhtml?RT=DAILYTEST)**

Daily Test   **Happy Coding from necse**   ☑ **SkillRack**

Time Left: 00:00:00

Immediate Smaller To M

Given an integer array of size N and an integer M as input, the program must print the immediate smaller array element to M. If there no smaller array element to M, then the print -1.

Boundary Condition(s):
2 <= N <= 100

Input Format:
The first line contains the value of N.
The second line contains the N values separated by space(s).
The third line contains the value of M.

Output Format:
The first contains the immediate smaller array element to M.

Example Input/Output 1:
Input:
5
2 1 3 4 5
3

Output:
2

Example Input/Output 2:
Input:
10
32 65 56 26 78 84 89 43 67 45
15

Output:
-1

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)

⤢

```java
1   import java.util.*;
2   public class Hello {
3
4       public static void main(String[] args) {
5           //Your Code Here
6           Scanner sc=new Scanner(System.in);
7           int n=sc.nextInt();
8           int[] arr=new int[n];
9           for(int i=0;i<n;i++){
10              arr[i]=sc.nextInt();
11          }
12          int m=sc.nextInt();
13
14          Arrays.sort(arr);
15          if(arr[0]<m){
16          for(int i=0;i<n;i++){
17              if(arr[i]>=m){
18                  System.out.print(arr[i-1]);
19                  break;
20              }
21
22            //  else{
23            //      System.out.print("-1");
24            //  }
25          }
26          }
27          else{
28          if(arr[0]>m){
29              System.out.print("-1");
30          }
31          }
32
33      }
34  }
```

Code did not pass the execution   — ✕

Input:

```
10
32 65 56 26 78 84 89 43 67 45
15
```

Expected Output:

```
-1
```

Your Program Output:

Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: Index -1 out of bounds for length 10
 at Hello.main(Hello.java:17)

Save   Run