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class Test

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Java programming

1. Program for finding maximum number of an array.
2. Program to find LCM of 2 numbers.

Answers

```
1. import java.util.*;
Public class Max {
    Public static void main (String [] args) {
        Scanner input = new Scanner (System.in);
        System.out.println ("Enter the size of array");
        int size = input.nextInt();
        int [] arr = new int [size];
        System.out.println ("Enter array elements");
        for (int i = 0; i < n; i++)
        {
            arr[i] = input.nextInt();
        }
        Arrays.sort(arr);
        System.out.println ("The max element: " + (arr[arr.length - 1]));
    }
}
```

O/P :-

Enter the size of array: 4

Enter the elements: 5 10 4 2

The max element: 10.

```

2. import java.util.*;
   public class LCM {
       public static void main (String[] args) {
           Scanner input = new Scanner (System.in);
           int a = input.nextInt();
           int max;
           int b = input.nextInt();
           if (a > b) {
               max = a;
           }
           else {
               max = b;
           }
           int i;
           for (i = 1; i <= max; i++) {
               if (i % a == 0 && i % b == 0) {
                   System.out.println ("LCM is : " + i);
                   break;
               }
           }
       }
   }

```

Output:-

4

5

LCM is : 8