

**** OUTPUT ****

```
Welcome to Online IDE!! Happy Coding :)
These are the elements:
3
4
9
6
1
There is 1 smaller element to the right of 3
There is 1 smaller element to the right of 4
There is 2 smaller element to the right of 9
There is 1 smaller element to the right of 6
There are no smaller elements to the right of 1

** Process exited - Return Code: 0 **
```

**** CODE **** (NO COMMENTS)

Online Java is a quick and easy tool that helps you to build, compile, test your programs online.

*/

```
public class Main
{
```

```
    public static void main(String[] args) {
        System.out.println("Welcome to Online IDE!! Happy Coding :)");

        int numArray [] = new int[]{3,4,9,6,1};
        int length = numArray.length;

        Elements el = new Elements(length, numArray);
```

```
    }  
}
```

```
class Test  
{  
    public Test()  
    {  
        System.out.println("dsadas");  
    }  
}
```

```
class Elements  
{  
    int length;  
    int numArray[] = new int[length];  
    int count;  
  
    public Elements()  
    {  
  
    }  
  
    public Elements(int length, int numArray[])  
    {  
        this.length=length;  
        this.numArray=numArray;  
  
        System.out.println("These are the elements:");  
  
        for (int elem:numArray)  
        {  
            System.out.println(elem);  
        }  
  
        for (int i=0; i<length;i++)  
        {  
            if (i==length-1)  
            {  
                setElement(0,i);  
                break;  
            }  
  
            count=0;  
  
            for (int j=i+1; j<length; j++)  
            {
```

```

        if (numArray[j]<numArray[i])
        {

            count++;
        }

    }
    setElement(count,i);

}
}

public void setElement(int smallerElements, int num)
{
    boolean flag=false;;

    if (smallerElements==0)
    {
        System.out.println("There are no" + " smaller elements to the right of " +
numArray[num]);
        flag=true;

    }

    if (!flag)
    {
        System.out.println("There is " + smallerElements + " smaller element to the right of " +
numArray[num]);
        flag=false;

    }

}

}

}

```