



```
1 import java.util.*;
2
3 public class GFG
4 {
5     public static void main(String[] args)
6     {
7         System.out.println("Question no:1\nAuthor :B.padma");
8         Scanner s = new Scanner(System.in);
9         System.out.println("Enter the length of the array");
10        int length = s.nextInt();
11        int [] array = new int[length];
12        System.out.println("Enter the elements of the array");
13
14        for(int i=0; i<length; i++ ) {
15            array[i] = s.nextInt();
16        }
17        int n = array.length;
18        Print3Smallest(array, n);
19    }
20
21    static void Print3Smallest(int array[], int n)
22    {
23        int firstmin = Integer.MAX_VALUE;
24        int secmin = Integer.MAX_VALUE;
25        int thirdmin = Integer.MAX_VALUE;
26        int fourthmin = Integer.MAX_VALUE;
27        for (int i = 0; i < n; i++)
28        {
29
30            if (array[i] < firstmin)
31            { fourthmin = thirdmin;
32              thirdmin = secmin;
33              secmin = firstmin;
34              firstmin = array[i];
35            }
36
37            else if (array[i] < secmin)
38            { fourthmin = thirdmin;
39              thirdmin = secmin;
40              secmin = array[i];
41            }
42            else if (array[i] < thirdmin){
43              fourthmin = thirdmin;
44              thirdmin = array[i];
45            }
46            else if (array[i]< fourthmin){
47              fourthmin= array[i];
48            }
49        }
50        System.out.println("fourth smallest element = " + fourthmin);
51
52
53    }
54 }
```



e..java



Saved



```
1 abstract class Laptop{
2     abstract void Ram();
3     abstract void Rom();
4     abstract void Processor();
5     abstract void Windows();
6     abstract void Camera();
7 }
8 class HP extends Laptop
9 {
10     void Ram()
11     {
12         System.out.println("Laptop has Ram");
13     }
14     void Rom()
15     {
16         System.out.println("Laptop has Rom");
17     }
18     void Processor()
19     {
20         System.out.println("Laptop has Processor");
21     }
22     void Windows()
23     {
24         System.out.println("Laptop has Windows");
25     }
26     void Camera()
27     {
28         System.out.println("Laptop has Camera");
29     }
30 }
31 class Dell
32 {
33     public static void main(String args[])
34     {
35         System.out.println("Question no:3\nAuthor :B.padma");
36         System.out.println("Laptop_Name:HP");
37         Laptop s=new HP();
38         s.Ram();
39         s.Rom();
40         s.Processor();
41         s.Windows();
42         s.Camera();
43     }
44 }
```



Try Dcoder's keyboard



BI Readiness-JAVA  
Kenguva: Length is a ch

Q  
ALREADY L. unlike 3.1  
Sap id:51834617  
Laptop\_Name:HP  
Laptop has Ram  
Laptop has Rom  
Laptop has Processor  
Laptop has Windows  
Laptop has Camera

Process finished.



e..java

Saved



```
1 import java.util.*;
2 public class StringFormatter
3 {
4     public static String reverseWord(String str)
5     {
6         String words[] = str.split("\\s");
7         String reverseWord = "";
8         for (String w : words) {
9             StringBuilder sb = new StringBuilder(w);
10            sb.reverse();
11            reverseWord += sb.toString() + " ";
12        }
13        return reverseWord.trim();
14    }
15}
16
17 public class TestStringFormatter
18 {
19     public static void main(String[] args)
20     {
21         System.out.println("Question no:5\nAuthor:B.padma sa");
22         Scanner sc = new Scanner(System.in);
23         System.out.println("enter string");
24         String str = sc.nextLine();
25         System.out.println("reversed string :");
26         System.out.println(StringFormatter.reverseWord(str));
27     }
28 }
```

⋮ Try Dcoder's keyboard



## x Terminal



Question no:5  
Author:B.padma sai  
Sap id:51834617  
enter string  
hello sai how are you  
reversed string :  
olleh ias woh era uoy

Process finished.

Ad



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