



Sample.java



Saved

```
1 //Java program to print 4th smallest element in an array
2 import java.util.Arrays;
3 import java.util.List;
4 import java.util.PriorityQueue;
5
6 class Main
7 {
8     public static int findKthSmallest(List<Integer> list)
9     {
10         PriorityQueue<Integer> pq = new PriorityQueue<>();
11
12         while (--x > 0) {
13             pq.poll();
14         }
15
16         return pq.peek();
17     }
18
19     public static void main(String[] args)
20     {
21         List<Integer> I = Arrays.asList(7, 4, 6, 3, 5, 2, 8);
22         int x = 4;
23
24         System.out.println("Author:Ch.Tharun Raju\nSolving Java Programs");
25         System.out.println("The 4th smallest element is:");
26         findKthSmallest(I, x);
27     }
28 }
```



× Terminal



Author:Ch.Tharun Raju

SAP ID:51834549

The 4th smallest element in the array is 6

Process finished.

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```
1 import java.util.Scanner;
2 public class NumberSequence {
3     public static void main(String arg[]) {
4         int num = 12;
5         Scanner reader = new Scanner(System.in);
6         System.out.println("Ch.Tharun Raju\nSAP ID: 518");
7         System.out.print("Enter the count of elements to print: ");
8         int no = reader.nextInt();
9         System.out.print("1,11,");
10        printSeries(new Integer(num).toString(), 1);
11    }
12
13    static void printSeries(String num, int limit) {
14        if(limit == 10) {
15            System.exit(0);
16        }
17        if(limit == 1) {
18            System.out.print(num);
19        }
20        StringBuffer newNumStr = new StringBuffer("");
21        for(int i=0; i<num.length(); i++) {
22            int count = 1;
23            char current = num.charAt(i);
24            i++;
25            while (i < num.length() && current == num.charAt(i)) {
26                i++;
27                count++;
28            }
29            newNumStr.append(count).append(current);
30        }
31        System.out.print(", " + newNumStr);
32        printSeries(newNumStr.toString(), ++limit);
33    }
34 }
```

⋮ Make public 🌐



× Terminal



Ch.Tharun Raju

SAP ID: 51834549

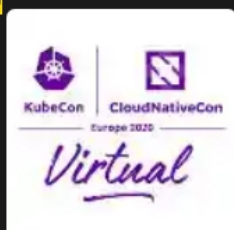
Enter the count of elements to be printed:10

1,11,12,1112,3112,132112,1113122112,3113112221

Process finished.





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Sample.java 

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```
1 //Java program to print words reversly.
2 import java.util.*;
3
4 public class Main {
5
6     static void reverseWords(String str)
7     {
8         System.out.println("Author:Ch. Tharun Raju\nSAP
9         Stack<Character> st=new Stack<Character>();
10
11         for (int i = 0; i < str.length(); ++i) {
12             if (str.charAt(i) != ' ')
13                 st.push(str.charAt(i));
14
15             else {
16                 while (st.empty() == false) {
17                     System.out.print(st.pop());
18
19                 }
20                 System.out.print(" ");
21             }
22         }
23
24         while (st.empty() == false) {
25             System.out.print(st.pop());
26
27         }
28     }
29
30     public static void main(String[] args)
31     {
32         String str = "Java is a popular programming language
33         reverseWords(str);
34     }
35 }
```

 Make public 



Terminal



Author:Ch. Tharun Raju

SAP ID:51834549

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