



arrays.java



Saved

```
1 import java.util.Arrays;
2 import java.util.List;
3 import java.util.PriorityQueue;
4
5 class Main
6 {
7     public static int findKthSmallest(List<Integer> l, int x)
8     {
9         PriorityQueue<Integer> pq = new PriorityQueue<>(l);
10
11        while (-x > 0) {
12            pq.poll();
13        }
14
15        return pq.peek();
16    }
17
18    public static void main(String[] args)
19    {
20        List<Integer> l = Arrays.asList(7, 4, 6, 3, 9, 1);
21        int x = 4;
22
23        System.out.println("Name:G.vyshnavi,SAP ID:51834743");
24        System.out.println("the 4th smallest element in the array is");
25        System.out.println(findKthSmallest(l, x));
26    }
27 }
28 }
```

⋮ Try Dcoder's keyboard





Name:G.vyshnavi,SAP ID:51834743
the 4th smallest element in the array is 6

Process finished.



numbers.java



Saved

```
1 import java.util.Scanner;
2 class Series
3 {
4     static void seriesUp(int n)
5     {
6         for(int i=1;i<=n;i++)
7         {
8             for(int j=1;j<=i;j++)
9             {
10                 if(i==1)
11                 { System.out.print("[");
12                 System.out.print(j);
13                 if(j!=n)
14                     { System.out.print(",");
15                 else
16                     { System.out.print("]");
17                 }
18             }
19         }
20     public static void main(String args[])
21     {
22         System.out.println("Name :G.vyshnavi,SAP ID:51834743");
23         Scanner sc=new Scanner(System.in);
24         System.out.print("Enter the number : ");
25         int number=sc.nextInt();
26         System.out.print("Output :");
27         seriesUp(number);
28     }
29 }
```

⋮ Make public



x Terminal



Name :G.vyshnavi,SAP ID:51834743

Enter the number : 4

Output :[1,1,2,1,2,3,1,2,3,4]

Process finished.



laptop.java



Saved

```
1 import java.util.Scanner;
2 abstract class Laptop
3 {
4     boolean on=false;
5     abstract void turnOn();
6     abstract void turnOff();
7     abstract void setTime();
8     abstract void increaseVolume();
9     abstract void decreaseVolume();
10 }
11 public class Vyshnavi extends Laptop
12 {
13     public void turnOn()
14     {
15         on = true;
16         System.out.println("Laptop turned on... ");
17     }
18     public void turnOff()
19     {
20         on = false;
21         System.out.println("Laptop turned off... ");
22     }
23     public void setTime()
24     {
25         System.out.println("Time was setted in laptop... ");
26     }
27     public void increaseVolume()
28     {
29         System.out.println("Volume was increased in laptop... ");
30     }
31     public void decreaseVolume()
32     {
33         System.out.println("Volume was decreased in laptop... ");
34     }
35     public static void main(String args[])
36     {
37         System.out.println("Name:G.vyshnavi,SAP ID:5183743");
```

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Saved

```
15    on = true;
16    System.out.println("Laptop turned on... ");
17 }
18 public void turnOff()
19 {
20    on = false;
21    System.out.println("Laptop turned off... ");
22 }
23 public void setTime()
24 {
25    System.out.println("Time was setted in laptop... ");
26 }
27 public void increaseVolume()
28 {
29    System.out.println("Volume was increased in laptop... ");
30 }
31 public void decreaseVolume()
32 {
33    System.out.println("Volume was decreased in laptop... ");
34 }
35 public static void main(String args[])
36 {
37    System.out.println("Name:G.vyshnavi,SAP ID:5183743");
38    Laptop h=new Vyshnavi();
39    h.turnOn();
40    h.turnOff();
41    h.setTime();
42    h.increaseVolume();
43    h.decreaseVolume();
44 }
45 }
46
```

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x Terminal



Name:G.vyshnavi,SAP ID:5183743

Laptop turned on...

Laptop turned off...

Time was setted in laptop...

Volume was increased in laptop...

Volume was decreased in laptop...

Process finished.



Saved

```
1
2 import java.util.*;
3
4 public class Main {
5
6     static void reverseWords(String str)
7     {
8         System.out.println("Name:G.vyshnavi,SAP ID:51834743");
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 = "hi,hello how are you?";
33        reverseWords(str);
34    }
35 }
```

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x Terminal



Name:G.vyshnavi,SAP ID:51834743
olleh,ih woh era ?uoy
Process finished.