



```
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> arr,
8      {
9          PriorityQueue<Integer> pq = new PriorityQueue<>();
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> I = Arrays.asList(1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
21         int x = 4;
22
23         System.out.println("Author:Asa venkatsai");
24         System.out.println("the 4th smallest element in the array is:");
25         findKthSmallest(I, x);
26     }
27 }
```

× Terminal



```
Author:Asa venkatsai
SAP ID:51834542
the 4th smallest element in the array is:
Process finished.
```



venkatsai.java



Saved

```
1  import java.util.*;
2  class Pavan{
3      public static void main(String args[])
4          Scanner sc=new Scanner(System.in);
5          System.out.println("A.venkatsai\n51834542");
6          System.out.println("enter the n");
7          int n=sc.nextInt();
8          for(int i=1;i<n+2;i++){
9              for(int j=1;j<i;j++){
10                 System.out.print(j+",");
11             }
12             System.out.print(" ");
13         }
14     }
15
16
17 }
```

x Terminal



```
A.venkatsai
51834542
enter the n
```

```
1 import java.util.*;
2 interface Laptop{
3     abstract public void area();
4     abstract public void company();
5     abstract public void ram();
6 }
7 class Your_name implements Laptop{
8     public void area(){
9         System.out.println("100 sq.in");
10    }
11    public void company(){
12        System.out.println("company is asus");
13    }
14    public void ram(){
15        System.out.println("12 gb ram");
16    }
17
18    public static void main(String[] args){
19        Your_name o=new Your_name();
20        System.out.println("Asa venkatsai\n51834542");
21
22        o.area();
23        o.company();
24        o.ram();
25    }
26 }
```

× Terminal



```
Asa venkatsai
51834542
100 sq.in
company is asus
12 gb ram
```

```
1 import java.util.*;
2 class Pavan{
3     public static void main(String args[])
4     {
5         Scanner sc=new Scanner(System.in);
6         System.out.println("enter no.of words");
7         int n=sc.nextInt();
8         String str;
9         String s="";
10        String arr[]=new String[n+1];
11        System.out.println("enter all words");
12        for(int i=0;i<n+1;i++){
13            arr[i]=sc.nextLine();
14        }
15        for(int i=0;i<n+1;i++) {
16
17            str=arr[i];
18
19            for(int j=str.length()-1;j>=0;j--){
20                s=s+str.charAt(j);
21            }
22            System.out.print(s+" ");
23            s="";
24        }
25    }
26 }
27
28
29
30 }
```

enter no.of words