

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

⋮ Make public  `println("\nBasha\n51834537");`

`println("the 4th smallest element in the array is: " +`



## 4thsmallest.java 🔒

Saved

```
11
12     return pq.peek();
13 }
14
15 public static void main(String[] args)
16 {
17     List<Integer> I = Arrays.asList(7, 4, 6, 3, 9, 1);
18     int x = 4;
19
20     System.out.println("\nBasha\n51834537");
21     System.out.println("the 4th smallest element in the array is: " +
22                         findKthSmallest(I, x));
23 }
24 }
```



x Terminal



Basha  
51834537  
the 4th smallest element in the array is: 6

Process finished.

```
1 import java.util.*;
2 public class Example
3 {
4     public void reverseWordInMyString(String str)
5     {
6         /* The split() method of String class splits
7          * a string in several strings based on the
8          * delimiter passed as an argument to it
9          */
10        String[] words = str.split(" ");
11        String reversedString = "";
12        for (int i = 0; i < words.length; i++)
13        {
14            String word = words[i];
15            String reverseWord = "";
16            for (int j = word.length()-1; j >= 0; j--)
17            {
18                reverseWord += word.charAt(j);
19            }
20            reversedString += reverseWord + " ";
21        }
22        System.out.println(reversedString);
23    }
24 }
```

: File info ⓘ

The charAt() function returns the character at the specified index.





## revers.java

Saved



```
17  {
18  /* The charAt() function returns the character
19  * at the given position in a string
20  */
21 reverseWord = reverseWord + word.charAt(j);
22 }
23 reversedString = reversedString + reverseWord + " ";
24 }
25 System.out.println(reversedString);
26 }
27 public static void main(String[] args)
28 {
29     Scanner sc=new Scanner (System.in);
30     System.out.println("Enter the String:");
31     //taking the string form the user
32     tr=sc.nextLine();
33     File info ⓘ = new Example();
34     System.out.println("After reverse the string");
35 }
```





## revers.java

Saved



```
27 public static void main(String[] args)
28 {
29     Scanner sc=new Scanner (System.in);
30     System.out.println("Enter the String:");
31     //taking the string form the user
32     String str=sc.nextLine();
33     Example obj = new Example();
34     System.out.println("After reverse the string:");
35     obj.reverseWordInMyString(str);
36     //call the reverse fumction by passing the string
37     System.out.println("\nBasha\n51834537");
38 }
39 }
```

File info



## x Terminal



Enter the String:

hi how are you. is very thing fine?

After reverse the string:

ih woh era .uoy si yrev gniht ?enif

Basha

51834537

Process finished.

