

```
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("\nBasha\n51834537");
21        System.out.println("the 4th smallest element in the array is: " +
22            findKthSmallest(I, x));
23    }
24 }
```

⋮ Make public 🌐





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 }
```



Make public



× 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--)
```

⋮ File info ⓘ



the charAt() function returns the character



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     = new Example();
34     system.out.println("After reverse the string:");
```

: File info





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 function by passing the string
37     System.out.println("\nBasha\n51834537");
38 }
39 }
```



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.
```