```
1.import java.io.*;
import java.math.*;
import java.security.*;
import java.text.*;
import java.util.*;
import java.util.concurrent.*;
import java.util.regex.*;

public class Solution {

    static long aVeryBigSum(long[] ar) {
long sum=0;
for(int i=0;i<ar.length;i++)
{
sum = sum+ ar[i];
}
return sum;
    }

    private static final Scanner scanner =
new Scanner(System.in);

    public static void main(String[] args)
```

```
throws IOException {
        BufferedWriter bufferedWriter = new
BufferedWriter(new
FileWriter(System.getenv("OUTPUT_PATH
")));

        int arCount = scanner.nextInt();

scanner.skip("(\r\n|[\n\r\u2028\u2029\u00
85])?");

        long[] ar = new long[arCount];

        String[] arItems =
scanner.nextLine().split(" ");

scanner.skip("(\r\n|[\n\r\u2028\u2029\u00
85])?");

        for (int i = 0; i < arCount; i++) {
            long arItem =
Long.parseLong(arItems[i]);
            ar[i] = arItem;
```

```
        }

        long result = aVeryBigSum(ar);


bufferedWriter.write(String.valueOf(resul
t));
        bufferedWriter.newLine();

        bufferedWriter.close();

        scanner.close();
    }
}
```

3.
```
import java.util.*
 import java.lang.*;
import java.io.*;
class Jagrati
{
   public static void main(String[] args)
throws java.lang.Exception
```

```
{
   BufferedReader bufferedReader = new
BufferedReader(new
InputStreamReader(System.in))
  try{
    int
testCases=bufferredRReader.readline().sp
lit(" ");
int x=Integer.parseInt(testCase[1]);
int p=Integer.parseInt(testCase[2])-1;
int k=Integer.parseInt(testCase[3])-1;
String[] inputs=
bufferedReader.readline().split(" ");
List.add(Integer.parseInt(string));
for(String string : inputs){
   list.add(Integer.parseInt(string));
}
Collections.sort(list);
int numberOfOperations =0;
int indexOfElement= list.indexOf(X);
if(indexOfElement==-1){
  list.set(k,X);
numberOfOperations++;
```

```
Collections.sort.(list);
indexOFElement=list.indexOf(X);
}
else{
 int lastindex= list.indexOF(X);
if(indexOfElement !=lastIndex){
  if(p>=lastIndex){
    indexOfElement=lastIndex;
}
}
while(true){
if(list.get(p)==X){
 System.out.println(o+
numberOfOperations);
 break;
}
if(indexOfElement>p){
  if(k>p){
  System.out.println(-1);
  break;
}
 else{
System.out.println(indexOfElement -p +
```

```
numberOFoperations);
 break;
}
}
if(indexOfElement <p){
if(k<p){
 System.out.println(-1);
 break;
}
 else{
  System.out.println(p - indexOfElement +
numberOfOperations);
  break;
}
}
}
}
catch(Expection e){e.printStackTrace();}
finally{
 try{
'  bufferredReader.close(o;
}
catch(IOExpection e){
```

```
  e.printStackTrace();
}

}
}
}
```