

```
import java.io.*;
import java.util.*;

class Main {
    public static void main(String args[])
    { Scanner s = new Scanner(System.in);
      System.out.println("Enter the length of the array:");
      int length = s.nextInt();
      int arr[] = new int[length];
      System.out.println("Enter the elements of the array:");

      for(int i=0; i<length; i++ ) {
          arr[i] = s.nextInt();
      }

      int even = 0, odd = 0;

      for (int i = 0; i < arr.length; i++) {
          if (i % 2 == 0)
              even += arr[i];
          else
              odd += arr[i];
      }
      System.out.println(Arrays.toString(arr));
      System.out.println("Even index positions sum: " + even);
      System.out.println("Odd index positions sum: " + odd);
    }
}
```

```
Main.java
1 import java.io.*;
2 import java.util.*;
3
4 class Main {
5     public static void main(String args[])
6     {
7         Scanner s = new Scanner(System.in);
8         System.out.println("Enter the length of the array:");
9         int length = s.nextInt();
10        int arr[] = new int[length];
11        System.out.println("Enter the elements of the array:");
12
13        for(int i=0; i<length; i++ ) {
14            arr[i] = s.nextInt();
15        }
16
17        int even = 0, odd = 0;
18
19        for (int i = 0; i < arr.length; i++) {
20            if (i % 2 == 0)
21                even += arr[i];
22            else
23                odd += arr[i];
24        }
25        System.out.println(Arrays.toString(arr));
26        System.out.println("Even index positions sum: " + even);
27        System.out.println("Odd index positions sum: " + odd);
28    }
29 }
```

input

```
Enter the length of the array:
6
Enter the elements of the array:
1
2
3
4
5
6
[1, 2, 3, 4, 5, 6]
Even index positions sum: 9
Odd index positions sum: 12

...Program finished with exit code 0
Press ENTER to exit console.
```