

```
import java.util.*;  
import java.util.Scanner;
```

```
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);
```

```
    }
```

```
}
```

