

To calc <sup>elements</sup> sum of even indices and odd indices in an array

```
import java.util.Scanner;  
class sum
```

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

```
        Scanner s = new Scanner (System.in);
```

```
        SOP ("Enter no of elements");
```

```
        int n = s.nextInt();
```

```
        int[] arr;
```

```
        int e = 0; int o = 0;
```

```
        arr = new int[n];
```

```
        SOP ("Enter elements of the array");
```

```
        for (int i = 0; i < n; i++)
```

```
        {  
            arr[i] = s.nextInt();
```

```
            for (int i = 0; i < n; i = i + 2)
```

```
            {  
                e = e + arr[i];
```

```
                for (int i = 1; i < n; i = i + 2)
```

```
                {  
                    o = o + arr[i];
```

```
                }  
            }  
            SOP ("The sum of even indices of array = " + e);
```

```
            SOP ("The sum of odd indices of array = " + o);
```

```
        }  
    }
```



```
import java.util.Scanner;
class sum
{
    public static void main(String args[])
    {
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the number of elements");
        int n=s.nextInt();
        int[] arr;
        int e=0;
        int o=0;
        arr=new int[n];
        System.out.println("Enter the elements of the array");
        for(int i=0;i<n;i++)
        {
            arr[i]=s.nextInt();
        }
        for(int i=0;i<n;i=i+2)
        {
            e=e+arr[i];
        }
        for(int i=1;i<n;i=i+2)
        {
            o=o+arr[i];
        }
        System.out.println("the sum of even indices of the array is "+e);
        System.out.println("the sum of odd indices of the array is "+o);
    }
}
```

```
c:\JAVA\bin>javac sumarray.java
```

```
c:\JAVA\bin>java sum
```

```
Enter the number of elements
```

```
5
```

```
Enter the elements of the array
```

```
1
```

```
23
```

```
4
```

```
5
```

```
6
```

```
the sum of even indices of the array is =11
```

```
the sum of odd indices of the array is =28
```

```
c:\JAVA\bin>_
```