

Extra programs.

1

```
class n1
```

```
{
```

```
    public static void main ()
```

```
    {
```

```
        n → accept from user.
```

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

```
        arr → accept values of array
```

```
        int esum, osum;
```

```
        for (i = 0 → n-1, i += 2)
```

```
            esum += arr[i];
```

```
        for (i = 1 → n-1, i += 2)
```

```
            osum += arr[i];
```

```
        print ( esum + " Sum of even indices ");
```

```
        print ( osum + " Sum of odd indices ");
```

```
    }
```

```
}
```

```
class numsum
```

```
{
```

```
    public static void main()
```

```
{
```

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

```
        System.out.println("Enter size values of array");
```

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

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

```
        System.out.println("Enter the values of array:");
```

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

```
            arr[i] = sn.nextInt();
```

```
        int esum = 0, osum = 0;
```

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

```
            arr esum += arr[i];
```

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

```
            osum += arr[i];
```

```
        System.out.println(esum + "Sum of even indices" +  
                            + osum + "Sum of odd indices");
```

```
    }
```

```
}
```

```
vj2001@VJ:~/ooj-lab$ java numsum
Enter the size of the array
6
Enter the elements of the array!
1 2 3 4 5 6
The sum of the EVEN indices is: 9
The sum of the ODD indices is: 12
vj2001@VJ:~/ooj-lab$ java numsum
Enter the size of the array
5
Enter the elements of the array!
1 2 3 4 5
The sum of the EVEN indices is: 9
The sum of the ODD indices is: 6
vj2001@VJ:~/ooj-lab$
```