

```
import java.util.*;
class SumEvenOdd
{
    public static void main(String arg[])
    {
        Scanner s=new Scanner(System.in);
        int a[];
        int Evensum=0, Oddsum=0;
        System.out.println("Enter size of th array");
        int n=s.nextInt();
        a=new int[n];
        for(int i=0;i<n;i++)
        {
            System.out.println("Enter a["+i+"]");
            a[i]=s.nextInt();
        }
        System.out.println("Array a:");
        for(int i=0;i<n;i++)
        {
            System.out.println(a[i]);
        }
        for(int i=0;i<a.length;i++)
        {
            if(a[i]%2!=0)
            {
                Oddsum=Oddsum+a[i];
            }
            else
            {
                Evensum=Evensum+a[i];
            }
        }
        System.out.println("The sum off odd numbers are:"+Oddsum+"\n Sum of even numbers are:"+Evensum);
    }
}
```

```
C:\Users\Hima\Desktop\java>javac SumEvenOdd.java
```

```
C:\Users\Hima\Desktop\java>java
```

```
C:\Users\Hima\Desktop\java>java SumEvenOdd
```

```
Enter size of th array
```

```
5
```

```
Enter a[0]
```

```
1
```

```
Enter a[1]
```

```
2
```

```
Enter a[2]
```

```
3
```

```
Enter a[3]
```

```
4
```

```
Enter a[4]
```

```
5
```

```
Array a:
```

```
1
```

```
2
```

```
3
```

```
4
```

```
5
```

```
The sum off odd numbers are:9
```

```
Sum of even numbers are:6
```

```
C:\Users\Hima\Desktop\java>
```