```java
1.  import java.util.Scanner;
2.  public class Array_Sum
3.  {
4.      public static void main(String[] args)
5.      {
6.          int n, sum = 0;
7.          Scanner s = new Scanner(System.in);
8.          System.out.print("Enter no. of elements you want in array:");
9.          n = s.nextInt();
10.         int a[] = new int[n];
11.         System.out.println("Enter all the elements:");
12.         for(int i = 0; i < n; i++)
13.         {
14.             a[i] = s.nextInt();
15.             sum = sum + a[i];
16.         }
17.         System.out.println("Sum:"+sum);
18.     }
```