```java
import java.util.*;
public class Main
{
 public static void main(String[] args) {
  Scanner sc=new Scanner(System.in);
  int n;
  System.out.println("Enter size of array");
  n=sc.nextInt();
  int[] arr=new int[n];
  System.out.println("Enter array elements");
  for(int i=0;i<n;i++){
     arr[i]=sc.nextInt();
  }
  int sum=0;
  for(int i=0;i<n;i++){
     sum=sum+arr[i];
  }
  System.out.println(sum);
 }
}
```