**Write a program to sum up all the elements of an array.**

**public class ArraySum2 {**

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

**int a[]={12,13,14,15,16};**

**int sum=0;**

**for(int i=0;i<a.length;i++) // or // for(int i=0;i<=4;i++) // a.length=5**

**{**

**sum=sum+a[i];**

**}System.out.println("The sum of given array elements is" +" "+sum);**

**}}**

**Output:** The sum of given array elements is 70

**Write a program to search array element with Linear Search.**

**public class LinearSearch {**

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

**int a[]= {35,67,89,32,95};**

**int search\_ele=32;**

**boolean flag=false;**

**for(int i=0;i<a.length;i++)**

**{**

**if(search\_ele==a[i])**

**{**

**System.out.println("Element Found at" +" "+ i);**

**flag=true;**

**break;**

**}**

**}**

**if(flag==false)**

**{**

**System.out.println("Element Not Found");**

**}**

**}}**

**Output:** Element Found at 3