1. Find sum of digits in array

using System;

public class HelloWorld

{

static int sum(int[] arr,int index)

{

if(index == arr.Length)

return 0;

else

return arr[index]+sum(arr,index+1);

}

public static void Main(string[] args)

{

int[] arr={1,2,3,4,5,6};

int result=sum(arr,0);

Console.WriteLine("The sum of numbers in array is: " + result);

}

}