Sum of numbers of an array

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace EmployeeDemo

{

class SumOfArray

{

static void Main()

{

int[] num = new int[10];

Console.WriteLine("Enter Elmeent");

int sum = 0;

for (int i=0;i<10;i++)

{

num[i] = Convert.ToSByte(Console.ReadLine());

sum = sum + num[i];

}

Console.WriteLine($"Sum is {sum}");

}

}

}

Sum of positive numbers of an array

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace EmployeeDemo

{

class SumOfArray

{

static void Main()

{

int[] num = new int[10];

Console.WriteLine("Enter Elmeent");

int sum = 0;

for (int i=0;i<10;i++)

{

num[i] = Convert.ToSByte(Console.ReadLine());

if (num[i] < 0) continue;

if (num[i] == 0) break;

sum = sum + num[i];

}

Console.WriteLine($"Sum is {sum}");

}

}

}

Search a number

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace EmployeeDemo

{

class SearchNumber

{

static void Main()

{

int[] num = new int[] { 1, 2, 3, 5, 6, 10, 23, 45, 67 };

Console.WriteLine("Enter Number to search");

int x = Convert.ToByte(Console.ReadLine());

int flag = 0;

foreach(int temp in num)

{

if(x == temp)

{

flag = 1;

break;

}

}

if (flag == 0) Console.WriteLine("No is not found");

else

Console.WriteLine("Num found");

}

}

}

Sum of 2 matrices

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace EmployeeDemo

{

class MatricesSum

{

static void Main()

{

int[,] mat1 = new int[3, 3] { { 1, 1, 1 }, { 2, 2, 2 }, { 3, 3, 3 } };

int[,] mat2 = new int[3, 3] { { 2, 2, 1 }, { 2, 2, 2 }, { 3, 3, 3 } };

int[,] sum = new int[3, 3];

for (int i = 0; i < 3; i++)

{

for (int j = 0; j < 3; j++)

{

sum[i, j] = mat1[i, j] + mat2[i, j];

}

}

Console.WriteLine("Elements of Mat1 ");

for (int i = 0; i < 3; i++)

{

for (int j = 0; j < 3; j++)

{

Console.Write(mat1[i, j] + " ");

}

Console.WriteLine();

}

Console.WriteLine("Elements of Mat2 ");

for (int i = 0; i < 3; i++)

{

for (int j = 0; j < 3; j++)

{

Console.Write(mat2[i, j] + " ");

}

Console.WriteLine();

}

Console.WriteLine("Sum of nboth matrices is ");

for (int i = 0; i < 3; i++)

{

for (int j = 0; j < 3; j++)

{

Console.Write(sum[i, j] + " ");

}

Console.WriteLine();

}

}

}

}