using System;

namespace ConsoleApp1

{

class MainClass

{

public static void Main(string[] args)

{

decimal[] numbers = new decimal[10] { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };

decimal min, max, ave, total = 0, sum = 0;

int num = 0;

min = numbers[9];

max = numbers[9];

Console.Write("Last");

for (int i = 9; i >= 0; i--)

{

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

if (numbers[i] < min)

{

min = numbers[i];

}

if (numbers[i] > max)

{

max = numbers[i];

}

total += numbers[i];

}

Console.WriteLine("First");

Console.WriteLine("Min is {0}", min);

Console.WriteLine("Max is {0}", max);

ave = total / 10;

for (int i = 0; i <= 9; i++)

{

if (numbers[i] > ave)

{

num += 1;

sum += numbers[i];

}

}

Console.Write("The number bigger than average is {0}", num);

Console.WriteLine();

Console.WriteLine("Total(>average) is {0}", sum);

}

}

}

using System;

namespace ConsoleApp1

{

class MainClass

{

public static void Main(string[] args)

{

decimal[,] array = new decimal[2, 3] { { 1, 2, 3 }, { 4, 5, 6 } };

decimal[,] array\_t = new decimal[3, 2];

for (int i = 0; i < 2; i++)

{

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

{

array\_t[j, i] = array[i, j];

}

}

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

{

for (int j = 0; j < 2; j++)

{

Console.Write("{0} ", array\_t[i, j]);

}

Console.WriteLine();

}

}

}

}

using System;

namespace ConsoleApp1

{

class MainClass

{

public static void Main(string[] args)

{

decimal[,] array = new decimal[4, 4] { { 45, 53, 68, 76 }, { 37, 98, 86, 55 }, { 87, 76, 54, 32 }, { 59, 47, 82, 91 } };

decimal[] rowsum = new decimal[4];

decimal[] colsum = new decimal[4];

decimal sum = 0;

for (int i = 0; i < 4; i++)

{

for (int j = 0; j < 4; j++)

{

rowsum[i] += array[i, j];

colsum[j] += array[i, j];

sum += array[i, j];

}

}

for (int i = 0; i < 4; i++)

{

Console.WriteLine("the sum of the row {0} is {1}", i + 1, rowsum[i]);

}

for (int i = 0; i < 4; i++)

{

Console.WriteLine("the sum of the col {0} is {1}", i + 1, colsum[i]);

}

Console.WriteLine("the average of all the numbers is {0}", sum / 16);

}

}

}