1

namespace practice1.\_5;  
  
public class program  
{  
 static void Main()  
 {  
 string[] lines = File.ReadAllText("numsTask1.txt").Split(' ');  
 int[] nums = Array.ConvertAll(lines, int.Parse);  
  
 int minIndex = Array.IndexOf(nums, nums.Min());  
 long product = 1;  
  
 for (int i = minIndex + 1; i < nums.Length; i++)  
 {  
 product \*= nums[i];  
 }  
  
 Console.WriteLine(product);  
 }  
}

2

namespace program2;  
  
public class program  
{  
 static void Main()  
 {  
 string[] lines = File.ReadAllText("numsTask2.txt").Split(';');  
 double[] numbers = Array.ConvertAll(lines, double.Parse);  
  
 Array.Sort(numbers);  
  
 File.WriteAllText("numsTask2.txt", string.Join(";", numbers));  
 Console.WriteLine("Sorted numbers have been written to file.");  
 }  
}

3

namespace program3;  
  
public class program  
{  
 static void Main()  
 {  
 string[] lines = File.ReadAllText("numsTask3.txt").Split(' ');  
 int[] numbers = Array.ConvertAll(lines, int.Parse);  
  
 int minIndex = Array.IndexOf(numbers, numbers.Min());  
 double average = 0;  
  
 if (minIndex > 0)  
 {  
 average = numbers.Take(minIndex).Average();  
 }  
  
 Console.WriteLine(average);  
 }  
}

4

namespace program4;  
  
public class program  
{  
 static void Main()  
 {  
 string[] lines = File.ReadAllText("numsTask4.txt").Split(' ');  
 int[] numbers = Array.ConvertAll(lines, int.Parse);  
  
 int maxNumber = numbers.Max();  
 int sum = numbers.Where(n => n == maxNumber - 1 || n == maxNumber + 1).Sum();  
  
 Console.WriteLine(sum);  
 }  
}

5

namespace program5;  
  
public class program  
{  
 static void Main()  
 {  
 string[] lines = File.ReadAllText("numsTask5.txt").Split(' ');  
 int[] numbers = Array.ConvertAll(lines, int.Parse);  
  
 int minIndex = Array.IndexOf(numbers, numbers.Min());  
 int maxIndex = Array.IndexOf(numbers, numbers.Max());  
  
 int start = Math.Min(minIndex, maxIndex) + 1;  
 int end = Math.Max(minIndex, maxIndex);  
  
 if (start < end)  
 {  
 double average = numbers.Skip(start).Take(end - start - 1).Average();  
 Console.WriteLine(average);  
 }  
 }  
}