1. using System;
2. using System.Collections.Generic;
3. using System.Linq;
5. namespace CSharpFundamentals
6. {
7. internal class Program
8. {
9. static void Main(string[] args)
10. {
11. List<int> numbers = new List<int>
12. { 1,2,3,4,5,6,7,8,9, 10 };
14. //numbers.Sum()
15. Console.WriteLine(numbers.Sum());
17. int sum = 0;
18. for (int i = 0; i < numbers.Count; i++)
19. {
20. sum += numbers[i];
21. }
22. Console.WriteLine(sum);
24. //Min
25. Console.WriteLine(numbers.Min());
27. int minNumber = int.MaxValue;
29. for (int i = 0; i < numbers.Count; i++)
30. {
31. if (numbers[i] < minNumber)
32. {
33. minNumber = numbers[i];
34. }
35. }
37. Console.WriteLine(minNumber);
39. //Max
40. Console.WriteLine(numbers.Max());
42. //Average
43. Console.WriteLine(numbers.Average());
45. //Skip
46. Console.WriteLine(string.Join(" ", numbers.Skip(2)));
48. //Take
49. Console.WriteLine(string.Join(" ", numbers.Take(2)));
51. //OrderBy
52. Console.WriteLine(string.Join(" ", numbers.OrderBy(x => x))); //.Sort
54. //OrderByDesceding
55. Console.WriteLine(string.Join(" ", numbers.OrderByDescending(x => x)));
57. //Where
58. Console.WriteLine(
59. string.Join(" ", numbers.Where(x => x % 2 == 0)));
61. Console.WriteLine(
62. string.Join(" ", numbers.Where(x => x % 2 != 0)));
64. Console.WriteLine(
65. string.Join(" ", numbers.Where(x => x > 5)));
67. //All
68. Console.WriteLine(
69. string.Join(" ", numbers.All(x => x > 0)));
71. //Any
72. Console.WriteLine(
73. string.Join(" ", numbers.Any(x => x % 2 != 0)));
75. //Select
76. Console.WriteLine(
77. string.Join(" ", numbers.Select(x => x / 2)));

80. }
81. }
82. }

Your time will start counting down when you press the "Compete" button.  
  
In the case of unexpected problems (turning off your computer, exiting the page/system, internet connection failure), **the time lost will not be restored**. When your time runs out, you **will not** be able to compete in this competition again.  
  
When you click the "Compete" button **3 random problems, one of each type, will be generated** for you.

Are you sure you want to start the contest now?