

Two files should be submitted on the blackboard, **.pdf, .cs.**

1. Submit your answers in hw1.pdf for the following exercise problems from the textbook.

3.1, 3.10, 3.13, 3.23

2. Submit your source code programs in \*.cs files for the following exercise problems from the textbook.

3\_14.cs file for problem 3.14. (Displaying Numbers) Write an app that displays the numbers...

3\_24.cs file for problem 3.24. (Displaying Numbers) Write an app that reads an integer...

3\_28.cs file for problem 3.28. (Digits of an Integer) Write an app that inputs one number...

**Total Points (100 points)**

**3.1 Fill in the blanks in each of the following statements (20 points):**

a) A(n) { begins the body of every method, and a(n) } ends the body of every method.

b) Most statements end with a(n) ;.

c) The if() statement is used to make decisions.

d) // begins a single-line comment.

g) C# apps begin execution at method Main.

h) Methods Console.WriteLine and Console.WriteLine display information in the console window.

i) \$ enables you to insert values directly into a string literal.

**3.10 Assuming that x = 2 and y = 3, what does each of the following statements display? (10 points)**

a) Console.WriteLine(\$"x = {x}"); **x = 2**

b) Console.WriteLine(\$"Value of {x} + {x} is {x + x}"); **Value of 2 + 2 is 4**

c) Console.Write("x ="); **x =**

d) Console.WriteLine(\$"x + y = {y + x}"); **5 = 5**

**3.13 (Order of Evaluation) State the order of evaluation of the operators in each of the following (15 points)**

C# statements and show the value of x after each statement is performed:

