Unit 1 Graded Exercise 1

1. Fill in the blanks in each of the following statements:
   1. \_\_Comments\_\_\_\_\_are used to document a program and improve its readability. (10%)
   2. A decision can be made in a Java program with a(n) \_\_\_if statement\_\_\_\_. (10%)
   3. Calculations are normally performed by \_\_\_if\_\_\_\_ statements. (10%)
   4. A location in the computer’s memory that may contain different values at various times throughout the execution of a program is called a(n) \_\_\_variable\_\_\_\_. (10%)
2. Write Java statements that accomplish each of the following tasks:
   1. Display the message "Enter an integer: “, leaving the cursor on the same line. (20%)

System.out.print(“Enter an integer: “);

* 1. Assign the product of variables b and c to variable a. (20%)

a = b\*c

b = a\*c

c = a\*b

* 1. Use a comment to state that a program performs a sample payroll calculation. (20%)

// This program performs a sample payroll calculation