CIS 120 - Quiz 3 - Friday, September 12, 2003

Name: __________________________________________ Student Number: _______________________

1. (2 pts) In an if statement, the condition must be of type ________________.

2. (2 pts) For a five digit number, number, what line of code would print the last digit of the number? What line of code would print the first four digits of the number?

3. (2 pts) Suppose we have the following code in a program.
   
   ```java
   if (number < 5)
       System.out.println("Hello");
   else
       System.out.println("5");
   ```

   If 5 is printed, is it possible that number is negative? Explain.

4. (2 pts) Suppose we input a number from the user and store it in the variable number. Write a small piece of code which will print out a message indicating whether or not number is evenly divisible by 17.

5. (2 pts) Suppose we have the following line of code.

   ```java
   int number = (13 != 13) ? 11 : 17;
   ```

   What is the value of number after the line is executed? Why?