

Surname: _____
First name: _____

June 22, 2004
Quiz 1: L01-L06

Please write *clearly*. If we cannot understand what is written, you will receive no points for that answer. Please write your final solution for each question in the box beside the question. You may use the back of this quiz for scrap.

1. What are we doing to our program when we type javac on the command line?

2. What type of variable would we use to represent a grade point average ranging from 0.0-4.0, for example 3.4?

3. What data type would we use to store the value true or false?

4. Write a loop that prints out all the even numbers from 100-0, starting from 100.

5. Declare and initialize a variable to keep track of an array of strings that will store 6 names. Please use an appropriate variable name.

6. a) Re-write this code CLEANLY, with proper indentation and lined up brackets:

```
class questionSix {  
public static void main (String[] args)  
{  
  
for (int i = 6; i<10; i++)  
    {  
System.out.print(i); } } }
```

b) What will this code print out when we run it?

7.

```
static double sqrt (int num) {  
    //code for sqrt method  
}
```

a) What is the return type of this method?

b) What is the name of this method?

c) What are the arguments of this method?

<input type="text"/>
<input type="text"/>
<input type="text"/>

8. What is wrong with this code?

```
int x = 0;  
int prod = 0;  
while (x < 10) {  
    prod *= x;  
}
```