PFP Quiz 1 Guide

Note: The quiz is closed book, closed notes. No programming devices are allowed.

Here is a list of materials to review:

Fundamentals
Literals
Operators
Expressions
Types: int, double, char, char
Variables
Statements
Sequential Control flow
Block of Code
Conditional Statements: if, if-else, nested if-else
Loops: while, for
System.out.println method

OOP
What is an object?
What does object consist of? Data and Behavior
Behavior types: Query and Command
Classes are template for creating objects. Contain: data fields, methods, constructors.
Variables: instance vs. temporary/local variables (Note: static variables not on this quiz)
Methods: Know how to write a method
Constructor: how to write constructors and create objects with it
String Objects: String declaration and concatenation
What do keywords: public and private and final do?

Programming Language
What is programming language vs Machine Language?
Most common Java Compiling Errors: E.g. missing semicolon, curly brace; assigning wrong types to variables etc.
What is Java byte code?
What is the java package with compiler and virtual machine known as?
What is an API?
What does the class interface contain?