1. (2 pts) Of the following identifiers, which ones are legal identifiers in Java?
(a) name123 (b) name-1 (c) name$ (d) Iname (e) 2cwhatwesee (f) my$ison%

An identifier can only contain letters, upper and lower case, digits, underscores, and dollar signs, but cannot start with a digit. So a and c are legal identifiers in Java.

2. (2 pts) An entity whose value can change during the execution of a program is called a variable, but if the entity is declared final, after it is given an initial value, that value cannot change for the remainder of the execution of the program.

3. (2 pts) The default type of a whole number in Java is int, and the default type of a decimal number in Java is double.

4. (2 pts) The char literal that contains a single quote character, ‘, is ‘\’‘, and the String literal which contains a double quote character, ”, is “\”.”.

5. (2 pts) Two ways to include a comment in a program are to place /* on a line and the rest of the line will be ignored and to place /** */ around a segment of code.