Section 3.1 Questions

True/False

1. Comments begin with \\. | F. [They start with // (forward slashes).]
2. Java is an object-oriented language. | T.
3. The parentheses after the word *main* indicate to the compiler that **main** is a method. | T.
4. Every opening brace must have a closing brace. | T.
5. Java statements end with a colon. | F. [they end with a semicolon]

Short Answer

1. List four uses for comments. | explain the purpose of a program, keep notes regarding changes of the source code, store the names of programmers for future reference, and explain the parts of your program.
2. What is a class? | Everything in Java is an object, and a class is the template used to create an object.
3. What is a method? | The main method is where every Java application begins; consists of one or more statements in a class that performs a specific task within an object.
4. What purpose for braces serve? | Braces are special characters used to mark the beginning and the ending of blocks of code.
5. What does the term “case sensitive” mean? | It means that something interprets uppercase and lowercase letters differently. So if you key a command in uppercase that is supposed to be lowercase, you will get an error.