

## Self-Review Exercises

1. Fill in the blanks in each of the following

My answer

- 1.1. Public
- 1.2. Class
- 1.3. New
- 1.4. Type , identifier
- 1.5. Default Package
- 1.6. Float, Double
- 1.7. Double precision
- 1.8. nextDouble
- 1.9. Modifier
- 1.10. Void
- 1.11. Next
- 1.12. Java.lang
- 1.13. Import
- 1.14. Float
- 1.15. Single
- 1.16. %f
- 1.17. Primitive, Reference

2. State whether each of the following is true or false. If false, explain why.

My answer

- 2.1. True
- 2.2. True
- 2.3. True
- 2.4. False, a primitive value type holds one value at a type
- 2.5. False, variables declared in a particular class are known as instance variables
- 2.6. True
- 2.7. False, primitive type local variables must be explicitly declared
- 2.8. True
- 2.9. True
- 2.10. True
- 2.11. True

3. What is the difference between a local variable and an instance variable?

My answer

Local variables can only be used in the method that they have been declared in and instance variables can only be used in the class that they have been declared in.

4. Explain the purpose of a method parameter. What is the difference between a parameter and an argument?

My answer

A method parameter allows a method to be provided extra information of its task or tasks to be done. A method parameter is extra information required for a method to do its task and an argument is information provided to a method to do its task.