1. What is a method?
   1. A named block of code that we can call on.

2. (Not in book) What is the difference between a function and a procedure/sub procedure/subroutine?

3. What does a return statement do?

Tells what values to return when the method is finished executing

4. What is an expression bodied method?

A shortened way of writing a method without {}

5. What is the scope of a variable?

Where the variable is accessible. Local variables are only available within the scope they are created within.

6. What is an overloaded method?

Where you create the same method multiple times, but they take different parameters.

7. How do you call a method that requires arguments?

myMethod (arg1, arg2)

8. How do you write a method, that is, specify the method definition, that requires a parameter list?

myMethod (int arg1, double arg2)

{

… //Some Code

}

9. How do you specify a parameter as optional when defining a method?

You make an optional parameter by pre assigning parameters within the method. If they aren’t used the default value is used.

10. How do you pass an argument to a method as a named parameter?

The Parameter name separated by semi colon. myMethod (first : 0.0, second : 1.0)

11. How do you return values from a method? Can you return multiple values from a method, and if so,

how?

We need to capture the returns within a local variable. You can supply a list of variables for multiple returns.

Int var1 var2 var3; (var1, var2, var3) = myMethod(var1, var2, var3)

12. How does the compiler resolve an ambiguity between named arguments and optional parameters?

the version that most closely matches the method call