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2. The method declaration defines the method and any parameters it has, whereas the method body includes what is executed when the method is called.

3. The access modifier is a keyword within the method declaration that defines its access level.

4. Visibility is another term used to describe the access level of a method.

5. Var1 is limited to the main method, var2 is limited to the loop in the main method, var3 is limited to method1, var4 is limited.

6. `public static int getVowels(String);`

`public static int extractDigit(Int);`

`public static int insertString(String, Int);`

7. A) The compiler distinguishes methods by using the method declaration.

B) Two methods can have the same name, as long as they have separate parameters in their declaration. This is referred to as method overloading.

8. A) The return statement returns a value in a method to the calling statement.

B) A return statement can only return one value.

C) A method that returns a value will not use void in its method declaration, whereas a method that doesn't return anything will include void.

9. The main method is not inside of the class