CHAPTER 6 CRT

2. Method declaration is a method that specifies the name, return type, parameters, and the body
A method body is the main code where all of the action is in

3. The keyword is access modifier

4. Another word you can use is visibility

5. The scope of each variable is restricted to where it is put into like var1's scope is only in the main method

6.
a)
```
public static int getVowels(String input) {

    // method
}
```

b)
```
public static int extractDigit(int number) {

    // method

}
```

c)
```
public static String insertString(String str, int index) {

    // method

}
```

7.
a)
Mainly from the method name and parameter list

b)
Two methods can have the same name if their parameters are different

8.

a)

The return statement is used to end the method and specify what value the method is returning

b)

A return statement can only return one value

c)

It's different because the method returning has a return type while the method that doesn't return is void and has nothing

9.

In the code where it calls the method but doesn't assign its return value