Method overloading

- methods of the same name in a class with different parameters. Since they take in different parameters, the methods can exist in the same class.

Method overriding

- a method of the same name and parametsrs in a sub/child class.

- when you override a method, the one lower in the tree is the one that gets called. This is to provide a specific functionality for the child class.

- the return type, name of the method and the input parameters and the order of input parameters must be the same for method overriding to occur.

- when overriding a method, the overriding method can have the same or more liberal accesibility modifier.

- private -> (default) -> protected -> public (more restrictive to more liberal access modifiers)