

COMP232 Fall 24 - Minh - HW0

Q2.

1. Overriding a method: is when you change the execution of the method that the subclass inherits from its superclass. The method signature is the exact same, but the return value will be different.
2. Overloading a method: when you write a method whose name already occurs in the same class but has a different parameter list.
e.g: `public double multiply(double a, double b) { return a * b;}`
 `public double multiply(double a, double b, double c) { return a * b * c;}`
3. Implementing a method: means providing the body to a method that is defined in an interface or an abstract class. You'll determine and write what the method executes based on the logic of the interface/abstract class.