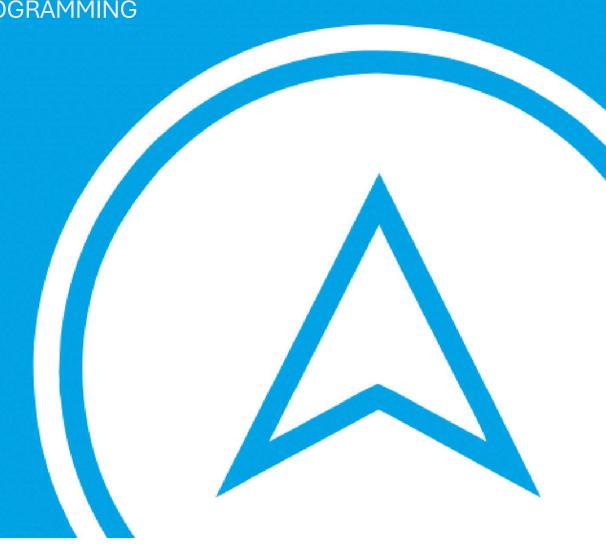
MODULE 1: INTRODUCTION TO PROGRAMMING

Inheritance





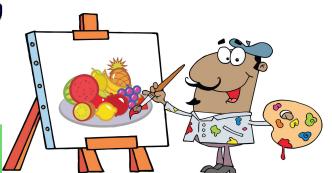
















Definitions

- Inheritance enables a class to take on the properties and methods defined in another class.
- A **subclass** will inherit visible properties and methods from the superclass while adding members of its own.
- A **superclass** is the *base* class or the parent whose data and behaviors are being passed down.





Chef

private String specialty

Chef is a person

Person
----private String name
public String getName() {
 return name;
}

Artist
----private String medium

Artist **is a** person

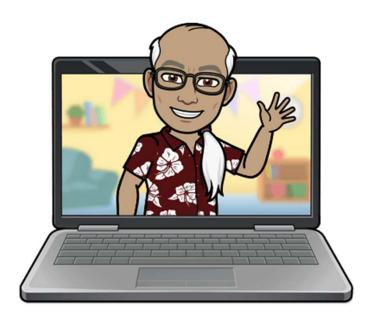
Student

private double gradePoint

Student **is a** person



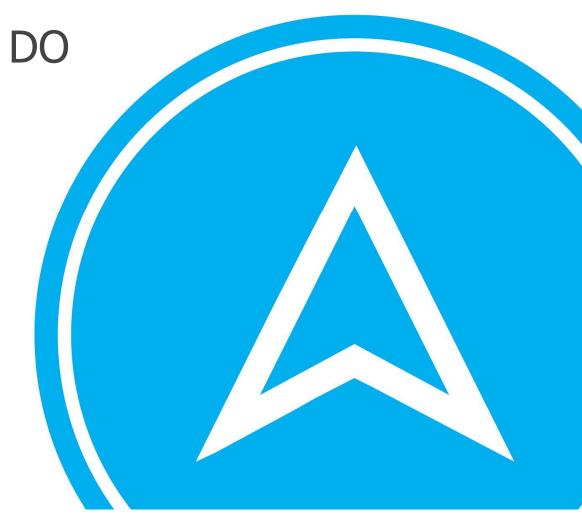
LET'S CODE!





WHAT QUESTIONS DO YOU HAVE?





Reading for tonight:

Polymorphism

