

## Overloaded Constructors & Methods Activity

\*Use assignment example for a **model**.

\*Do not use the same class and variables as the example.

Create a project **overloaded**.

1. Create a class that has

- 4 instance variables
- 3 overloaded constructors.
  - a default constructor
  - a constructor with 1 parameter
  - a constructor with at least 3 parameters
- getter and setter methods
- at least 1 overloaded method

2. Create a Main class with main() method that

- creates 3 instances of the class above
  - using each of the 3 constructors
- uses 1 of the instances to
- calls both the overloaded methods
- and prints out the returned values of the methods (or the value returned by other methods if these methods return void—see the setHealth() & getHealth() methods in the assignment example).

Submit both **.java** files to Canvas.