**Tier 1**

* Category: Core Java
* Difficulty: Warm Up
* Estimated time to complete: 15 - 30 minutes
* Minimum completion: 60 points
* Description/Setup:
  1. User class diagram: [Quizzard Class Diagram (Tier 1)](https://revature-note-assets.s3.amazonaws.com/quizzard-class-diagram-tier-1.png)
  2. Push code to personal branch on remote repo; notify trainer via Slack to proceed to Tier 2
* Problem Set:
  1. Create a new Maven project, bring the java version to 1.8, and add a dependency to the pom.xml.
     + Value: 10 points
  2. Implement a POJO using a given UML class model
     + Value: 20 points
  3. Create a method that iterates over an integer array and returns their sum.
     + Value: 30 points
  4. Create a method that, given an integer, can raise each digit to the power of the overall length and return whether the sum of the powers is equal to the original integer.
     + Value: 40 points