

Chintan Patel

Homework 3: Problem 3

Extending Integer class

1. The reason I was having trouble extending Integer class was because it is a final class. The reason might be that the developer of Integer class designed it to not let anyone change the behavior of the Integer class.
2. If the developer of the Integer class did not made the Integer class final, then it would be easier for anyone to override the methods of the superclass Integer. This overriding would be bad because Integer is the low level class, and changing it would cause many problems at the low level. Also, not letting the Integer class final, it indicates other developer that you can work with Integer class and change it.
3. The best solution for this would be to, create a new class that have the functionality that you want, and use the Integer methods to help you do that.