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Problem 10.3

MyInteger
- Value: int
<div>+ MyInteger(int value):int +getValue(): int + isEven() : boolean + isOdd(): boolean + isPrime(): boolean <u>+ isEven(int) : boolean</u> <u>+ isOdd(int): boolean</u> <u>+ isPrime(int): boolean</u> <u>+ isEven(MyInteger) : boolean</u> <u>+ isOdd(MyInteger): boolean</u> <u>+ isPrime(MyInteger): boolean</u> + equals(int): boolean +equals(MyInteger) <u>+parseInt(String stringValue):int</u> <u>+parseInt(char[] chars)</u></div>

Problem 10.11

Circle2D
<ul style="list-style-type: none"><li>- X: Double</li><li>- Y: Double</li><li>- Radius: Double</li></ul>
<ul style="list-style-type: none"><li>+ Circle2D()</li><li>+ Circle2D(double x, double y, double radius)<ul style="list-style-type: none"><li>+ getX(): Double</li><li>+ getY(): Double</li><li>+ getRadius(): Double</li><li>+ getArea(): Double</li><li>+ getPerimeter(): Double</li></ul></li><li>+ contains(double x, double y) : boolean</li><li>+ contains(Circle2D circle) : boolean</li><li>+ overlaps(Circle2D circle) : boolean</li></ul>