Gregory Jerian

4/20/15

Period 4

*Project 10.1*

|  |
| --- |
| Time |
| -hour: int  -minute: int  -second: int  -totalSeconds: int |
| +Time()  +Time(elapsedTime: long)  +Time(newHour: int, newMinute: int, newSecond: int)  +getHour(): int  +getMinute(): int  +getSecond(): int  +setTime(elapsedTime: long): void |

*Project 10.3*

|  |
| --- |
| MyInteger |
| -value: int |
| +MyInteger(newValue: int)  +getValue(): int  +isEven(): boolean  +isOdd(): boolean  +isPrime(): boolean  +isEven(number: int): boolean  +isOdd(number: int): boolean  +isPrime(number: int): boolean  +isEven(number: MyInteger): boolean  +isOdd(number: MyInteger): boolean  +isPrime(number: MyInteger): boolean  +equals(number: int): boolean  +equals(number: MyInteger): boolean  +parseInt(charList: char[]): int[]  +parseInt(stringVal: String): int |

*Project 10.11*

|  |
| --- |
| Circle2D |
| -x: double  -y: double  -radius: double |
| +Circle2D()  +Circle2D(x: double, y: double, radius: double)  +getX(): double  +getY(): double  +getRadius(): double  +getArea(): double  +getPerimeter(): double  +contains(x: double, y: double): boolean  +contains(circle: Circle2D): boolean  +overlaps(circle: Circle2D): overlaps |