

## Labs 7 UML Diagrams

<b>MyInteger</b>
+ <u>value: int</u>
+ MyInteger(value: int)
+ getValue(): int
+ isEven(): boolean
+ isOdd(): boolean
+ isPrime(): boolean
+ isEven(value: int): boolean
+ isOdd(value: int): boolean
+ isPrime(value: int): boolean
+ isEven(value: MyInteger): boolean
+ isOdd(value: MyInteger): boolean
+ isPrime(value: MyInteger): boolean
+ equals(value: int): boolean
+ equals(value: MyInteger): boolean
+ parseInt(chars: char[])
+ parseInt(str: String)

<b>Circle2D</b>
- <u>x: double</u>
- <u>y: double</u>
- <u>radius: double</u>
+ 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(Circle2D: circle): boolean
+ overlaps(Circle2D: circle): boolean *