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Software Dev 1: Lab 7

3/21/2017

## MyInteger

-value: int

MyInteger(arg0: int)

getValue(): int
isEven(): boolean
isOdd(): boolean

isPrime(): boolean isEven(n: int): boolean isOdd(n: int): boolean isPrime(n: int): boolean

<u>isEven(n: MyInteger): boolean</u> <u>isOdd(n: MyInteger): boolean</u> isPrime(n: MyInteger): boolean

equals(n: int): boolean

equals(n: MyInteger): boolean

parseInt(bits: char[]): int
parseInt(s: String): int

## Circle2D

-x: double

-y: double

-radius: double

Circle2D()

Circle2D(arg1: double, arg2: double, rad: double)

getX(): double
getY(): double
getRadius(): double
getPerimeter(): double

contains(x: double, y: double): boolean contains(circle: Circle2D): boolean overlaps(circle: Circle2D): boolean