Lab 7 UML Diagrams

10.3

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| MyInteger |
| -value: int |
| +MyInteger(int: value)  +isEven()  +isOdd()  +isPrime  +isEven(int)  +isOdd(int)  +isPrime(int)  +isEven(MyInteger)  +isOdd(MyInteger)  +isPrime(MyInteger)  +equals(int)  +equals(MyInteger)  +parseInt(char[])  +parseInt(String) |

10.11

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| Circle2D |
| +x: double  +y: double  +radius: double |
| +Circle2D(x: double, y: double, radius: double)  +getX(): double  +setX(x: double)  +getY(): double  +setY(y: double)  +getRadius(): double  +setRadius(radius: double)  +getArea(): double  +getPerimeter(): double  +contains(Circle2D circle): boolean  +overlaps(Circcle2D circle): boolean |

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| C1: Circle2D |
| x = 2  y = 2  radius = 2.5 |