Problem10_3

MyInteger
-    value: int
+ MyInteger(value: int)   + getValue(): int   + isEven(): boolean   + isOdd(): boolean   + isPrime(): boolean   + <u>isEven(integer: int): boolean</u>   + <u>isOdd(integer: int): boolean</u>   + <u>isPrime(integer: int): boolean</u>   + <u>isEven(integer: MyInteger): boolean</u>   + <u>isOdd(integer: MyInteger): boolean</u>   + <u>isPrime(integer: MyInteger): boolean</u>   + equals(integer: MyInteger): boolean   + <u>parseInt(character: char[]): int</u>   + <u>parseInt(character: String): int</u>

Problem10_5

StackOFIntegers
-    elements: int[]   -   size: int
+ StackOfIntegers()   + StackOfIntegers(value: int)   + push(value: int): void   + pop(): int   + peek(): int   + empty(): boolean   + getSize(): int

Problem10_9

Course
-    courseName: String   -   students: String[]   -   numberOfStudents: int
+ Course(courseName: String)   + addStudent(student: String): void   + getStudent() : String[]   + getNumberOfStudents(): int   + getCourseName(): String   + dropStudent(student: String): void

+ clear(): void

Problem10_11

Circle2D
-   x: double -   y: double -   radius: double
+ Circle2D() + Circle2D(x: double, y: double, radius: double) + getRadius(): double + getX(): double + getY(): double + getArea(): double + contain(x: double, y: double): boolean + contain(circle: Circle2D): boolean + contain(circle: Circle2D): boolean