

myLong()
-value: long
MyLong(value: long) getValue(): long isEven(): Boolean isOdd(): Boolean isPrime(): Boolean <u>isEven(): Boolean</u> <u>isOdd(): Boolean</u> <u>isPrime(): Boolean</u> equals(value: long): Boolean equals(value: MyLong): Boolean <u>parseLong(value: char[]): long</u> parseLong(value: String): long

StackOfIntegers()
-element: int[] -size: int
+StackOfIntegers(size: int) +empty(): Boolean +peek(): int +push(value: int) +pop(): int +getSize(): int

Course()
-courseName: String -students: String[] -numberOfStudents: int

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+Course(coursename: String)
+addStudent(student: String)
+getCourseName(): String
+getStudents(): String[]
+getNumberOfStudents(): int
+dropStudent(student: String)

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Circle()
-x: double -y: double -radius: double
<pre> +Circle(x: double, y: double, radius: double) +Circle() +getX(): double +setX(x: double) +getY(): double +setY(y: double) +getRadius(): double +setRadius(radius: double) +getArea(): double +getPerimeter(): double +contains(circle): Boolean +c1ContainsC2(c1, c2): Boolean +c1OverlapsC2(c1, c2): Boolean +overlaps(circle): Boolean -distance(c1: double, c2: double): double +toString(): String +contains(x: double, y: double): Boolean </pre>