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1. MyLong

MyLong
value: long
MyLong(value: long) getValue(): long isEven(): boolean isOdd(): boolean isPrime(): boolean isEven(value: long): boolean isOdd(value: long): boolean isPrime(value: long): boolean isEven(MyLong(value: long): boolean isOdd(MyLong(value: long): boolean isPrime(MyLong(value: long)): boolean equals(value: long) equals(MyLong(value: long)) parseLong(char: char[]) parseLong(string: string)

2. StackOfIntegers

StackOfIntegers
Size: int Elements: int[ ]
StackOfIntegers() StackOfIntegers(size: int) empty(): boolean peek(): int push(value: int): void pop(): int getSize(): int

3. Course

Course
courseName: string Students: string[ ] numberOfStudents: int
Course(course: string) addStudent(student: string): void clear(): void getCoursename(): string getStudents(): string getNumberOfStudents: int dropStudent(student: string): void

4. Circle

Circle
x: double y: double Radius: double
Circle() Circle(x: double, y: double, radius: double) getX(): double getY(): double getRadius(): double getArea(): double getPerimeter(): double contains(x: double, y: double): boolean contains(Circle(circle)): boolean overlaps(Circle(circle)): boolean