PolyTermInterface (Interface)
- canAdd(PolyTerm) : boolean
- add(PolyTerm) : PolyTerm
- mul(PolyTerm) : PolyTerm
- evaluate(Scalar) : Scalar
- derivate() : PolyTerm
- equals(PolyTerm) : boolean

Scalar (Interface)
- add(Scalar) : Scalar
- mul(Scalar) : Scalar
- pow(int) : Scalar
- neg() : Scalar
- equals(Scalar) : boolean
- mulByInt(int) : Scalar
- negative : boolean
- zero : boolean

Parser (Class)
- convertStrToPoly(String[], String) : Polynomial[]
- arrangeMinuses(String[]) : void
- fixBackslashMinus(String[], int) : void
- convertStrToRational(String) : RationalScalar
- convertStrToReal(String) : Scalar
- convertPolyToStr(Polynomial, String) : String
- convertScalarToStr(Scalar, String) : String
- convertToPolynomials(String[], String) : Polynomial[]
- extractPolynom(String[], String) : Polynomial
- extractRational(String) : RationalScalar
- extractReal(String) : RealScalar

PolyTerm (Class)
- PolyTerm(Scalar, int)
- createPolyTerm(Scalar, int) : PolyTerm
- canAdd(PolyTerm) : boolean
- add(PolyTerm) : PolyTerm
- mul(PolyTerm) : PolyTerm
- evaluate(Scalar) : Scalar
- derivate() : PolyTerm
- equals(PolyTerm) : boolean
- toString() : String
- compareTo(PolyTerm) : int
- scalar : Scalar
- exponent : int

RealScalar (Class)
- RealScalar(double)
- checkZero() : void
- add(Scalar) : Scalar
- mul(Scalar) : Scalar
- pow(int) : Scalar
- neg() : Scalar
- equals(Scalar) : boolean
- mulByInt(int) : Scalar
- toString() : String
- num : double
- negative : boolean
- zero : boolean

RationalScalar (Class)
- up : int
- down : int
- RationalScalar(int, int)
- createRational(int, int) : RationalScalar
- reduceByDivider(int, int) : void
- checkIfDownNegative() : void
- getUp() : int
- getDown() : int
- add(Scalar) : Scalar
- mul(Scalar) : Scalar
- pow(int) : Scalar
- neg() : Scalar
- equals(Scalar) : boolean
- mulByInt(int) : Scalar
- toString() : String
- negative : boolean
- zero : boolean

PolynomialInterface (Interface)
- add(Polynomial) : Polynomial
- mul(Polynomial) : Polynomial
- evaluate(Scalar) : Scalar
- derivate() : Polynomial
- toString() : String
- equals(Polynomial) : boolean

Calculator (Class)
- input : Scanner
- _parser : Parser
- main(String[]) : void
- operationCases(String, String) : void
- getPolyStrFromUser(int) : String[]
- getScalar(String) : Scalar
- mathMenu() : void

Polynomial (Class)
- isQ : boolean
- Polynomial(List<PolyTerm>, boolean)
- add(Polynomial) : Polynomial
- mul(Polynomial) : Polynomial
- evaluate(Scalar) : Scalar
- derivate() : Polynomial
- equals(Polynomial) : boolean
- checkZeroes() : void
- containsExponent(int) : int
- polinom : List<PolyTerm>

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