

Polynomial

- coefficients: double[]

- degree: int

+ Polynomial()

+ Polynomial(double[], coefficients)

+ Polynomial (int degree)

+ getDegree(): int

+ getCoefficients(): double[]

+ getCoefficients(power, int): double

+ setCoefficient(power: int, value: double)

+ evaluate (double x): double

+ clear(): void

+ add(Polynomial p): Polynomial

+ subtract (Polynomial p): Polynomial

+ compareTo(Polynomial otherPolynomial): int

+ toString(): String