Polynomial

- coefficients: ArrayList<Double>
-polynomialDegree: int
- random: Random

+Polynomial()
+Polynomial(coefficients: ArrayList<Double>)
+Polynomial(polynomialDegree:int)
+getDegree():double
+getCoefficients():ArrayList<Double>
+getCoefficient(degree:int):double
+setCoefficient(degree:int, value:double):void
+setCoefficients(coefficients: ArrayList<Double>):void
+evaluate(x:double):double
+clear():void
+add(other:Polynomial): Polynomial
+subtract(other:Polynomial): Polynomial
+toString():String
+compareTo(other: Polynomial):int
+multiply(other:Polynomial): Polynomial