**SimpleCalculator assignment**

SimpleCalculator class has basic mathematical methods for simulating calculators functionalities ( addition, subtraction, multiplication and division ) with conversion methods. Conversion methods are used for conversions from metric to imperial system and vice-versa.

Class has two constants which are used for conversions (kgToPounds = 2.2, kmToMiles = 0.621).

Following methods are used for mathematical operations:

* double Add(double a, double b) – method has two parameters which are used for addition which is returned as a result.
* double Subtraction(double a, double b) - method has two parameters which are used for subtraction which is returned as a result.
* Multiply(double a, double b) - method has two parameters which are used for multiplication which is returned as a result.
* Divide(double a, double b) - method has two parameters which are used for division which is returned as a result. There is one exception and that is division with 0.

Following methods are used for conversions:

* double ConvertMilesToKilometers(double miles) – method has one parameter which will be divided with conversion constant kmToMiles and that value will be returned as a result.
* double ConverKilometersToMiles(double km) – method has one parameter which will be multiplied with conversion constant kmToMiles and that value will be returned as a result.
* ConvertKilogramsToPounds(double kg) – method has one parameter which will be multiplied with conversion constant kgToPounds and that value will be returned as a result.
* ConvertPoundsToKilograms(double kg) – method has one parameter which will be divided with conversion constant kgToPounds and that value will be returned as a result.