The calculation design uses the Shunting Yard algorithm.The idea of Shunting Yard is to take an expression and evaluate it as a RPN to get the correct order of evaluation. In SYBaseCalculator class the TResult being the return type of the expression, and TInput is the type of input, normaly a string but it can also be a list of you own objects and implement the abstract functions. The calculation in the SYMathCalculator (whitch is implementation of SYBaseCalculator) has been used command handler patern. The project i salso using DI patern (with Autofac IoC container). In addition, unit tests have been added.