Matrix Calculator

# **Summary:**

This program is for **performing** **calculations** on **Matrices**, by taking the matrix dimensions and the matrix itself as an input, then lets you choose from the following operations (**Subtraction**, **Addition**, **Multiplication**, **Transpose**).   
**Matrix** class is in the form of a **class template** that accepts any type parameter. This way, when the class **Matrix** is instantiated, you decide if it should accept **float, int** or **double**, etc.  
**Matrix** class holds a matrix of any size and allocates the required memory as needed, also it has a destructor that frees used memory at the end of lifetime of each **Matrix** objects. It also overloads the standard operators and I/O operators to enable **Matrix** class with addition, subtraction and multiplication and suitable input and output capabilities.

The project is built using **C++, Code::Blocks**.

