

**Lab Assignment-7**  
**UTA018: Object Oriented Programming**

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1. Write a program in C++ to overload unary minus (-) operator.
2. Create a class FLOAT that contains one float data member. Overload all the four arithmetic operators so that they operate on the objects of FLOAT.
3. Create a class Complex and overload + operator to add two complex objects.
4. Define a class STRING and overload == to compare two strings and + operator for concatenation of two strings.
5. Write a program in C++ to create a class matrix and overload \* operator using friend function to multiply two matrices.
6. Write a program in C++ to overload input operator (>>) and output operator (<<).