**Expt no: 05 Date:**11/Nov/2021

**Title:** OPERATOR OVERLOADING

**Aim:** TO WRITE C++ PROGRAMS TO IMPLEMENT THE FOLLOWING

1. Overload the unary minus operator(-) to negate members of a class.
2. Write a class Time having members hours and minutes. Overload unary increment operator to add a minute to minutes and check if minutes>=60 then increment hours by 1.
3. Overload binary operators +, - , \* and / to add, subtract, multiply and divide two complex numbers. Let + and – be overloaded as a member functions and \* and / be overloaded as a friend function.
4. Write a program to overload the subscript operator [].
5. Write a C++ Program to Compare Two Strings by Overloading == operator

**Theory:**

*1) DEFINE OPERATOR OVERLOADING. Syntax for Operator overloaded function*

*2) Mention the number of operators you would have to pass for unary and binary operators implemented as Member and friend function*

**Output:** *paste code and snapshot of output (invert the window colours (white background and black text before your take the snapshot).*

**Conclusion:**