

Branch : MCA

Semester : Spring Semester 2019-20

Course Code : CA3205

Laboratory Name : Numerical Computing using C++

Assignment No. : ASSIGNMENT – 7 (GROUP- I & II)

Assignment Title : operator overloading part 2 and type conversion

- 1) Overload <, >, !=, == relational operators for Time class.
- 2) Mixed mode overloading of binary operators +=, -=, and *= for Complex class and an integer type.
- 3) Overload <, >, !=, == relational operators for Distance class.
- 4) Provide type conversion functions (both way) between class DistanceMCM (distance in meter and centimeter) and DistanceFIN (distance in feet and inches) .
- 5) Provide type conversion functions between Fraction class and double type in both direction. (fractions should be rounded off wherever necessary)

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