Hieu Tran

CECS 301 MW

**Homework 6**

**2. a.** True

**b.** False

**c.** True

**d.** False

**e.** False

**f.** False

**3. a.** x + y

double operator+ (int lhs, double rhs);

**b.** - x

int operator- (const int number);

**c.** x / y

double operator/ (int lhs, double rhs);

**d.** x >> z

std::ostream &operator>> (ostream &lhs, const int rhs);

**e.** z \* y

double operator\* (int lhs, double rhs);

**4. Pre-increment operator** in C++ returns class object using pass by reference, which is returning the

actual incremented class object with its new value.

**Post-increment operator** in C++ returns class object using pass by value, which is returning the

temporary class object that contains the original value of the object before the increment occurred.

Rational &operator++(Rational pre);

Rational operator++(Rational &post, int);

**5. a.** std::array <int, 10> a1 = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

**b.** a1[3] = 100;

**c.** std::array <std::array <int, 3>, 2> a2;

**d.** a2.at(3).at(2);

**e.** False

**f.** The uses of C style of array is for static initialization since std::array doesn't do static initialization.