Week 7-8-9

Q11. Overload unary operator ++ to increment an objects data.

#include <iostream>

using namespace std;

class Counter {

public:

int count;

Counter(int c) : count(c) {}

Counter operator++() { // Overloading prefix increment operator

++count; // Increment count before returning new object

return \*this; // Return current object by reference

}

};

int main() {

Counter c(5);

++c; // Incrementing using overloaded operator

cout << "Count after increment: " << c.count;

return 0;

}