

Self Exercise for Week 12

Due May 13th at 3:00 p.m.

Enhance the class `HugeInt` you created in self exercise for week 11 to work with the following main function:

```
int main()
{
    HugeInt x;
    HugeInt y(28825252);
    HugeInt z("314159265358979323846");
    HugeInt result;

    cin >> x;
    result = x+y;
    cout << x << "+" << y << " = " << result << endl;

    result = z - x;
    cout << result << endl;

    result = z * y;
    cout << result << endl;

    if (x == y)    cout << "Equal" << endl;
    else          cout << "Not Equal" << endl;

    if (x >= y)    cout << "Greater or Equal" << endl;
    else          cout << "Less" << endl;

    if (x <= y)    cout << "Less Than or Equal" << endl;
    else          cout << "Greater" << endl;

    if (x != y)    cout << "Not Equal" << endl;
    else          cout << "Equal" << endl;

    return 0;
}
```

Deliverables

Your .zip file should include the following things:

1. Your *.cpp* and *.h* (if any) files.
2. A *Makefile*.
3. A *README* file showing how to compile your program as well as the running script.