**YouTube tutorial 50 – Operator Overloading**

https://www.youtube.com/watch?v=PgGhEovFhd0&index=50&list=PLAE85DE8440AA6B83

**3rd class – Sally.cpp:**

#include "stdafx.h"

#include <iostream>

#include "Sally.h"

using namespace std;

Sally::Sally()

{}

Sally::Sally(int a) {

num = a;

}

Sally Sally::operator+(Sally aso) {

Sally brandNew;

brandNew.num = num + aso.num;

return (brandNew);

}

**2nd class – Sally.h:**

#pragma once

class Sally

{

public:

int num;

Sally();

Sally(int);

Sally operator+(Sally);

};

**1st class – CommonApplication1.cpp:**

#include "stdafx.h"

#include <iostream>

#include "Sally.h"

using namespace std;

int main()

{

Sally a(34);

Sally b(21);

Sally c;

c = a + b;

cout << c.num << endl;

return 0;

}

**Result:**

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**Important notes:**

* There was no definition to sum of two Sally objects. Thus, we overloaded the (+) operator
* Some other operators (/, -, \*, &) can be overloaded in the same way