Philip Pesic

Week 15

November 27 2022

Week 15 Prog 1C

Watch the following three(3)videos:

Buckys C++ Programming Tutorials - 30 - Function Overloading

https://www.youtube.com/watch?v=i4s9-hEtF54

Buckys C++ Programming Tutorials - 50 - Operator Overloading

https://www.youtube.com/watch?v=qt37lGAxN6E

Bucky C++ Programming Tutorial - 51

https://www.youtube.com/watch?v=_NTs6Lqbcak

```
//
//  main.cpp
//  Week 15 Prog 1C
//
//  Created by Pippo Pesic on 11/25/22.
//
```

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```cpp
#include <iostream>

#include "Sally.hpp"

using namespace std;

int main() {

        Sally a(34);

        Sally b(21);

        Sally c;


        c=a.add(b);

        cout << c.num << endl;

        cout << "Philip Pesic 11/27/22" << endl;

        return 0;

}


//

//  Sally.cpp

//  Week 15 Prog 1C

//

//  Created by Pippo Pesic on 11/25/22.

//
```

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```cpp
#include <iostream>

#include "Sally.hpp"

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);

}


//

//  Sally.hpp

//  Week 15 Prog 1C

//

//  Created by Pippo Pesic on 11/25/22.
```

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//

#ifndef Sally_hpp

#define Sally_hpp

#include <stdio.h>


```cpp
class Sally {
public:
        int num;
        Sally();
        Sally(int);
        Sally operator+(Sally);
};
```
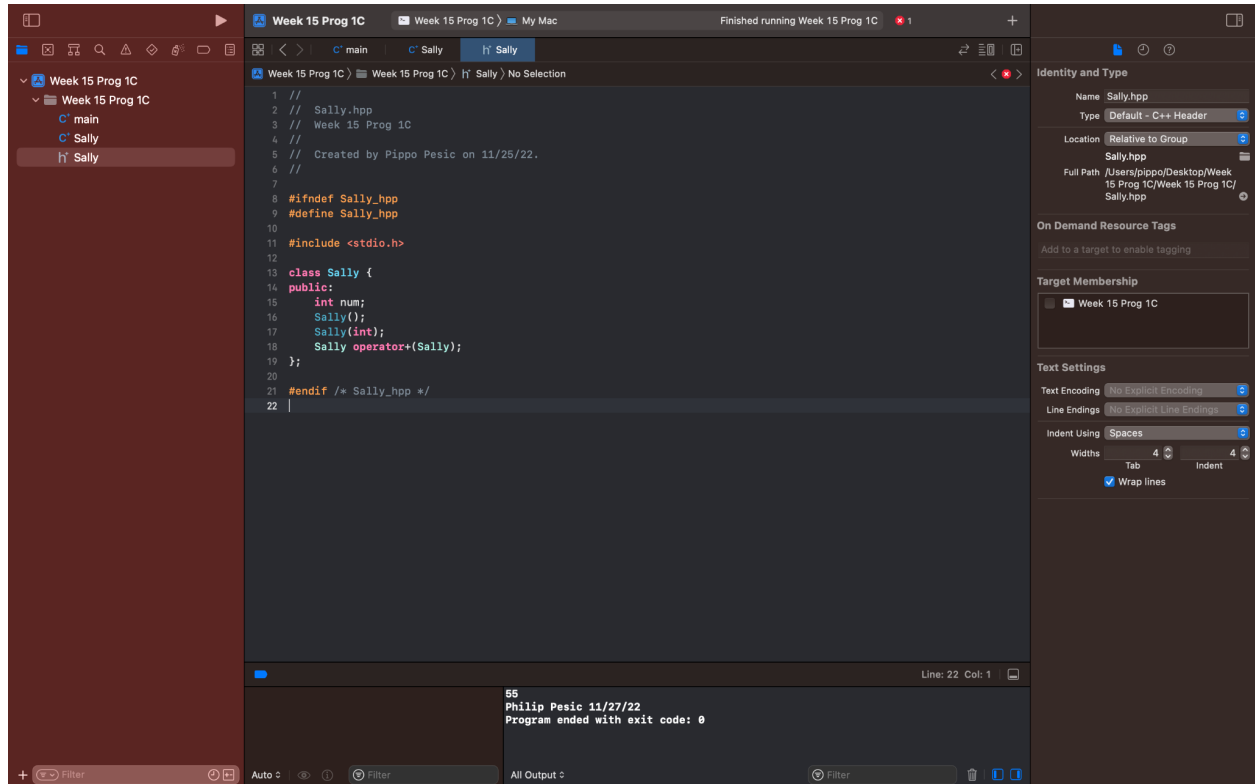

#endif /* Sally_hpp */

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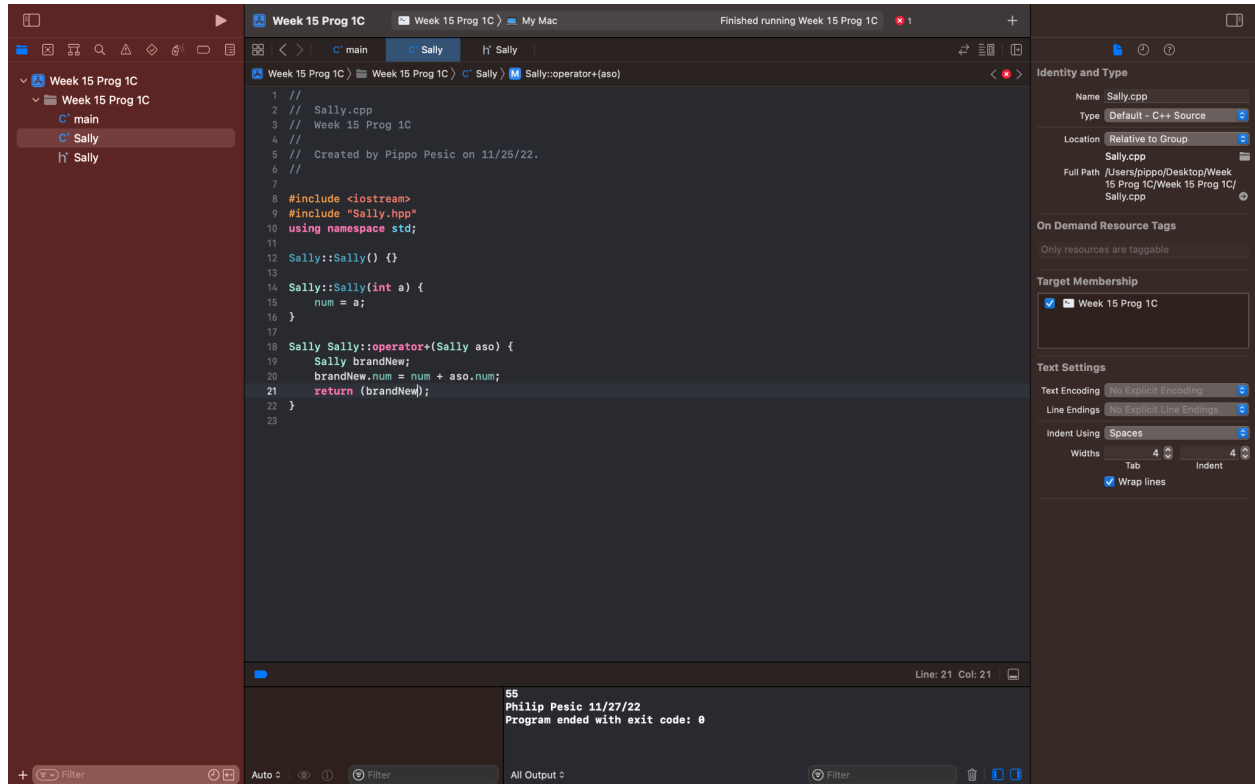
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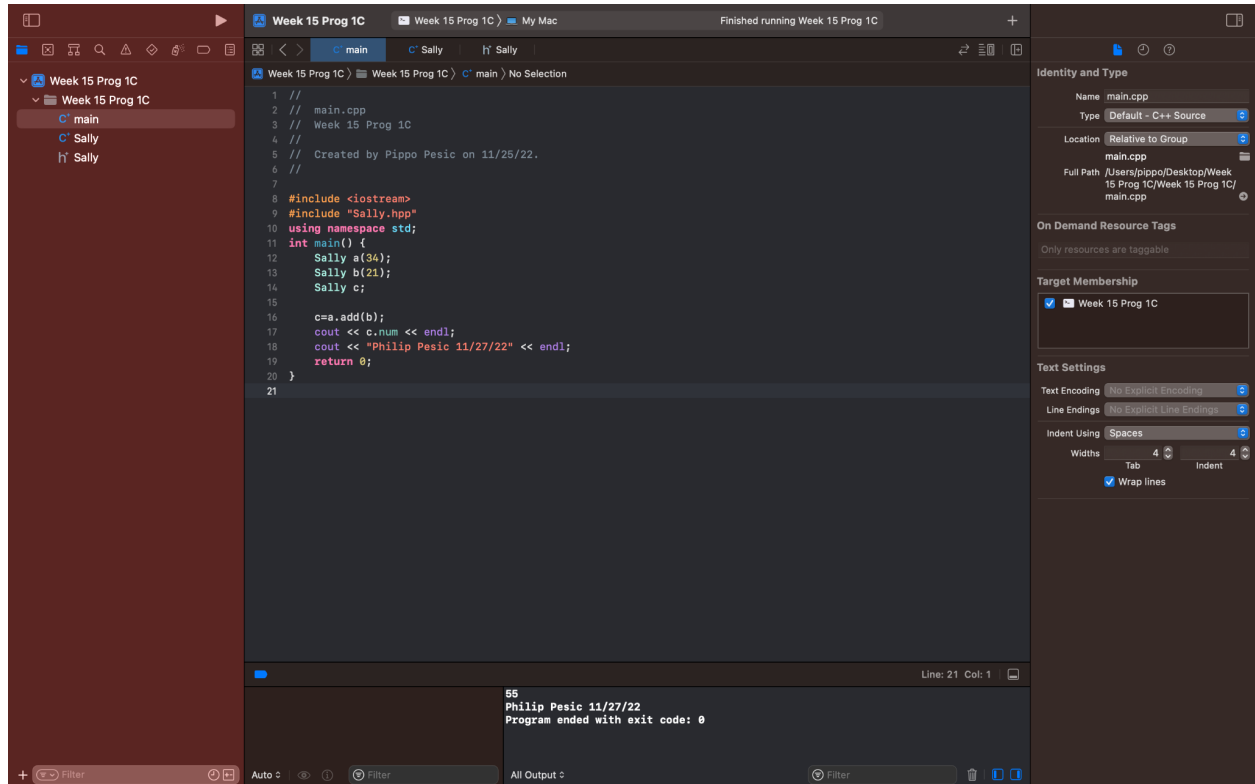November 27 2022

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I learned: how to overload an operator