Philip Pesic

Week 15

November 27 2022

Week 15 Prog 1B

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 1B
//
//  Created by Pippo Pesic on 11/25/22.
//
```

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```cpp
#include <iostream>

using namespace std;


int main() {

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

        return 0;

}
//

//  Sally.cpp

//  Week 15 Prog 1B

//

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

//


#include <iostream>

#include "Sally.hpp"

using namespace std;


Sally::Sally() {}


Sally::Sally(int a) {
```

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```
        num = a;

}


Sally Sally::operator+(Sally aso) {

        Sally brandNew;

        brandNew.num = num + aso.num;

        return 0;

}


//

//  Sally.hpp

//  Week 15 Prog 1B

//

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

//


#ifndef Sally_hpp
#define Sally_hpp


#include <stdio.h>
```

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```cpp
class Sally {

public:

        int num;

        Sally();

        Sally(int);

        Sally operator+(Sally);

};


#endif /* Sally_hpp */
```

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```
1  //
2  //  Sally.hpp
3  //  Week 15 Prog 1B
4  //
5  //  Created by Pippo Pesic on 11/25/22.
6  //
7
8  #ifndef Sally_hpp
9  #define Sally_hpp
10
11 #include <stdio.h>
12
13 class Sally {
14 public:
15     int num;
16     Sally();
17     Sally(int);
18     Sally operator+(Sally);
19 };
20
21 #endif /* Sally_hpp */
22
```

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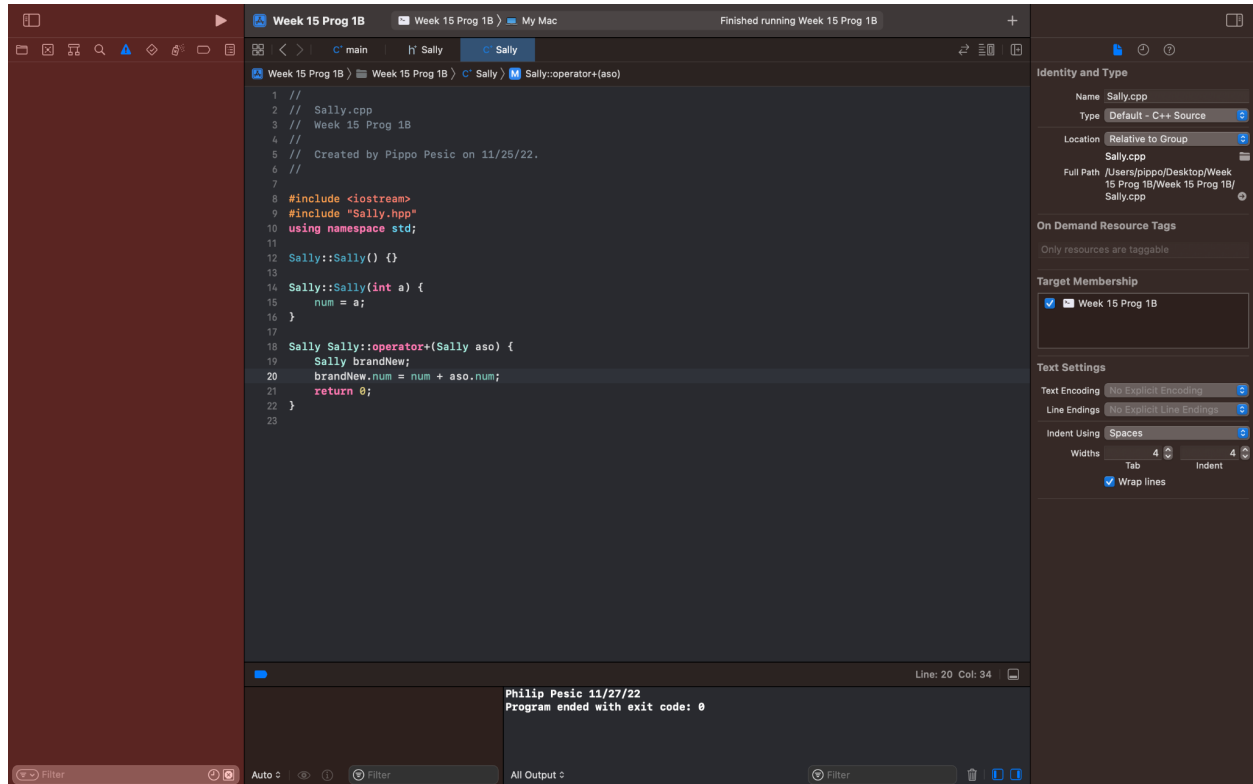Program ended with exit code: 0
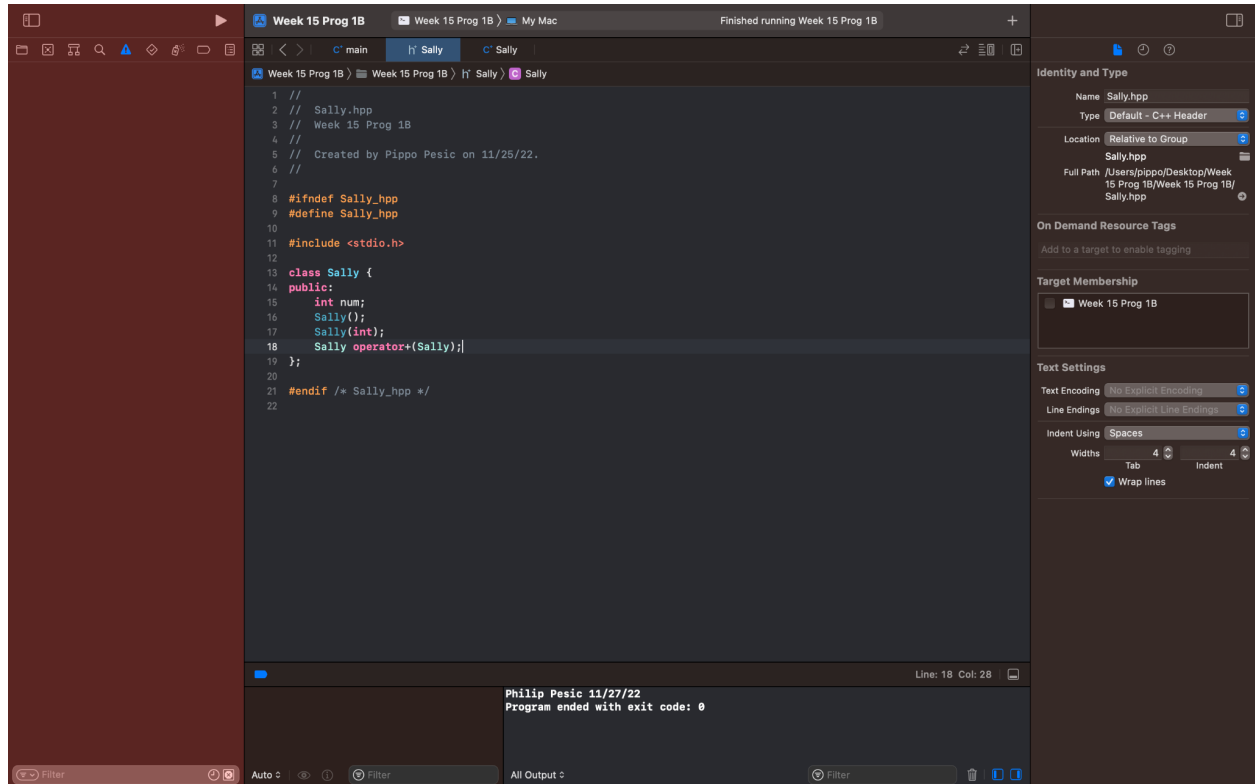
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I learned: how to use the operator keyword