

Philip Pesic

Week 15

November 27 2022

Week 15 Prog 1A

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 1A

//

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

//

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```
#include <iostream>
```

```
using namespace std;
```

```
void printNumber(int x) {  
    cout << "Printing int: " << x << endl;  
}
```

```
void printNumber(float x) {  
    cout << "Printing float: " << x << endl;  
}
```

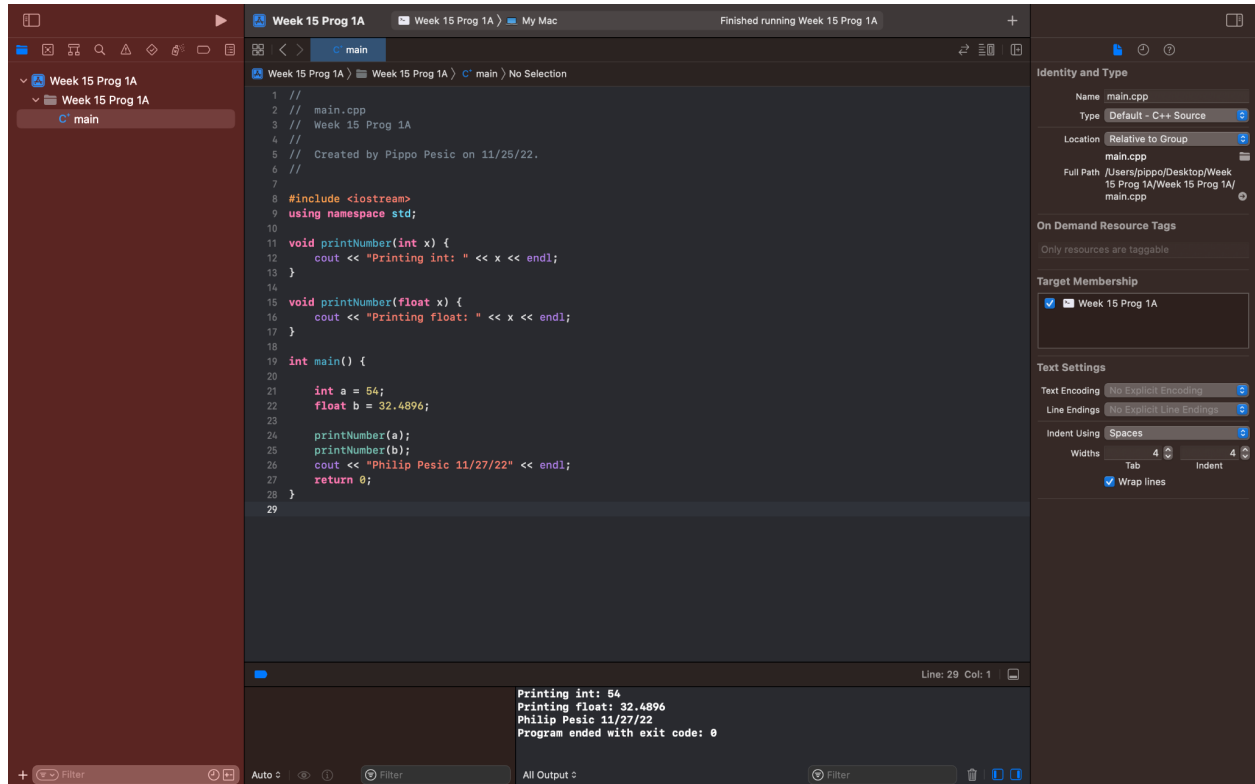
```
int main() {  
  
    int a = 54;  
    float b = 32.4896;  
  
    printNumber(a);  
    printNumber(b);  
    cout << "Philip Pesic 11/27/22" << endl;  
    return 0;  
}
```

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```
1 //
2 // main.cpp
3 // Week 15 Prog 1A
4 //
5 // Created by Pippo Pesic on 11/25/22.
6 //
7
8 #include <iostream>
9 using namespace std;
10
11 void printNumber(int x) {
12     cout << "Printing int: " << x << endl;
13 }
14
15 void printNumber(float x) {
16     cout << "Printing float: " << x << endl;
17 }
18
19 int main() {
20
21     int a = 54;
22     float b = 32.4896;
23
24     printNumber(a);
25     printNumber(b);
26     cout << "Philip Pesic 11/27/22" << endl;
27     return 0;
28 }
29
```

Printing int: 54
Printing float: 32.4896
Philip Pesic 11/27/22
Program ended with exit code: 0

I learned: how to overload a function