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Philip Pesic
Week 11
October 30 2022
Week 11 Prog 4
Write and run the code for the second example in the lecture note
//
// main.cpp
// Week 11 Prog 4
//
// Created by Pippo Pesic on 10/24/22.
//
// There are DEFAULT parameters.
#include <string>
#include <iostream>
using namespace std;
void fun1( void ) { cout << " Void input, no return " << endl ; }</pre>
void fun2( int x = 1 ) { cout << " x =  " << x << endl ; }
void fun3( int x = 12, double d = 34.5, string s = "Default word" ) {
cout << "x = " << x << endl;
cout << " d = " << d << endl;
cout << " s = " << s << endl;
}
```

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int main()
{
cout << "======" << endl;
fun1(); // no defaults - no inputs defined
cout << "======"" << endl;
fun2(); // one default - used
cout << "======"" << endl;
fun2(42); // User Parm Input
cout << "======" << endl;
// Default parameters loaded from right to left, No gaps or skips...
fun3(); // there defaults - all defaults used - no user input
cout << "======" << endl:
fun3(42); // three defaults - first two defaults used, last USER Parm Input
cout << "======" << endl:
fun3(42, 6.9); // three defaults - first default used, last two USER parms input
cout << "======"" << endl;
fun3(42, 6.9, "user input value"); // three defaults - all three USER parms inputted
cout << "======" << endl:
```

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cout << "Philip Pesic 10/30/22" << endl;
return 0;
```

}

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                                   Week 11 Prog 4 ⟩ 

Week 11 Prog 4 ⟩ C* main ⟩ 

main()
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 C* main
                                                                                                                                                               Location Relative to Group
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                                                                          Philip Pesic 10/30/22
Program ended with exit code: 0
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```

I learned: how to use required and optional function parameters