Philip Pesic

Week 10

October 23 2022

Week 10 Prog 3

MyArrayPtrArithMain.cpp // contains int main() function and its code

MyArrayPtrArithTemp.cpp // contains class template code

and run.

```cpp
//
//  main.cpp
//  Week 10 Prog 3
//
//  Created by Pippo Pesic on 10/19/22.
//


#include <iostream>
#include "MyArrayClass.h"
using namespace std;

int main() {
    MyArrayClass <int>array1;
    array1.setSize(7);
    array1.setAllValues(); //Input 10,15,20,25,30,35,42
    array1.printAll();
```

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```cpp
        MyArrayClass <float>array2(7);

        array2.setAllValues(); //Input 10,15,20,25,30,35,42

        array2.printAll();


        MyArrayClass<double> * ptrArray1 = new MyArrayClass<double>();

        ptrArray1->setSize(7);

        ptrArray1->setAllValues(); //Input 100,150,200,250,300,350,420

        ptrArray1->printAll();


        cout << "Philip Pesic 10/23/22" << endl;

        return 0;
};
```
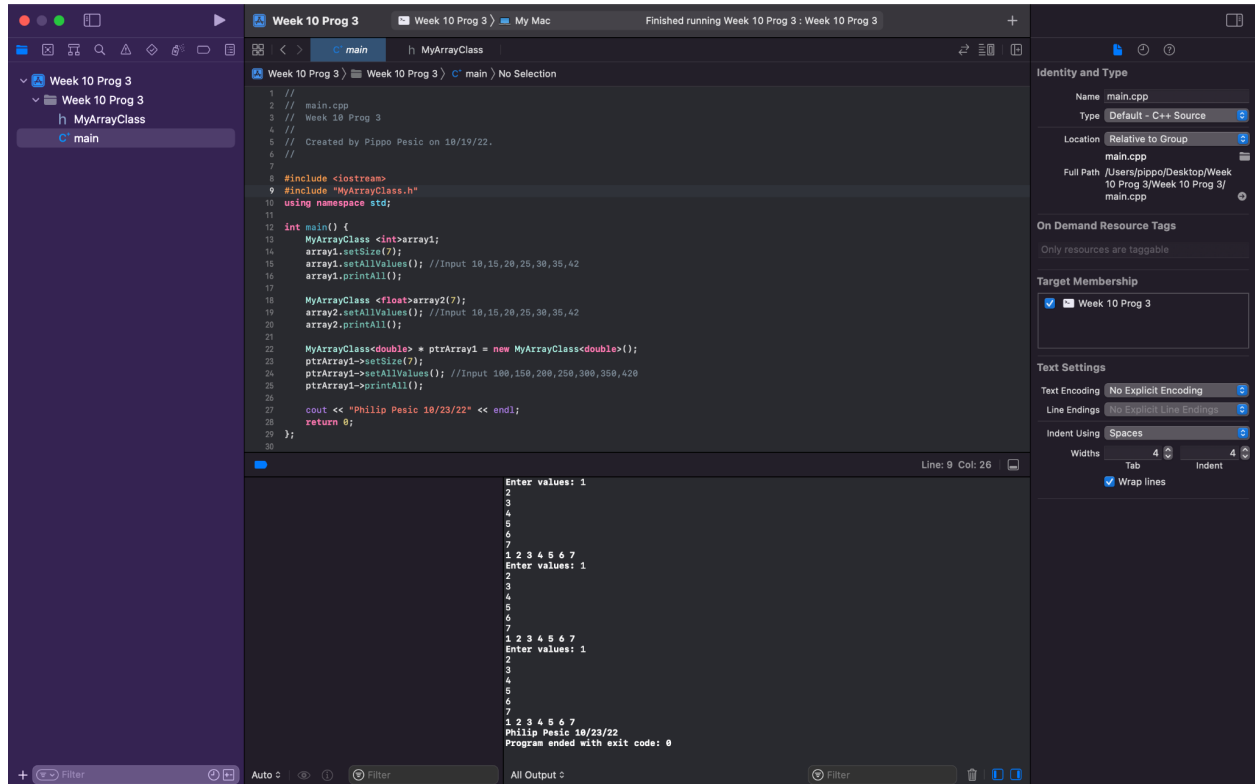
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I learned how to turn template classes into headers