

src/main.cpp

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1 //Title:  main.cpp
2 //Desc:   Includes main.cpp. Demonstrates the use of functions and associated files.
3 //Name:   An Tran
4
5 #include "functions.h"
6 #include <iostream>
7 //TODO - Add the Program Assignment boilerplate comment block here. You can find its
  template in the C++ Code Style Guide
8
9 // TODO - Build a main function for testing your code.
10 int main(){
11     // Working
12     float lakeArea = calculateLakeArea();
13     std::cout << "Area of lake: " << lakeArea << std::endl;
14
15     // Working
16     float volumeLake = calculateLakeVolume(lakeArea);
17     std::cout << "Volume of lake: " << volumeLake << std::endl;
18
19     // Working
20     int fishStock = calculateFishStock(volumeLake);
21     std::cout << "Fish stock: " << fishStock << std::endl;
22
23     // Working
24     int maxLicenses = calculateMaxLicenses(fishStock);
25     std::cout << "Max licenses: " << maxLicenses << std::endl;
26 }
```