

printHeader.cpp

```
1 /*****
2  * AUTHOR      : Faris Hijazi
3  * STUDENT ID   : 1039438
4  * ASSIGNMENT 1 : Functions and Arrays
5  * CLASS        : CS1A
6  * SECTION      : MW 7:30PM
7  * DUE DATE     : 02/15/19
8  *****/
9
10 #include "header.h"
11
12 /*****
13  * This function will output the class header using ostream
14  * -----
15  * INPUT:
16  *     output      - output file variable
17  *     exersize    - Lab or Assignment
18  *     exersizeName - name of exersize
19  *     num         - number of Lab/Assignment
20  *     names       - names of programmers
21  * OUTPUT:
22  *     header
23  *****/
24 void printHeader(ostream &output, char exersize, string exersizeName, int num, string names)
25 {
26
27     int colWidth; //CALC - changes based on exersize
28     string asType; //CALC - changes based on exersize
29
30     if(exersize == 'L')
31     {
32         asType = "Lab";
33         colWidth = 9;
34     }
35     else
36     {
37         asType = "Assignment";
38         colWidth = 2;
39     }
40
41     output << left;
42     output << "*****\n";
43     output << "* PROGRAMMED BY : " << names << endl;
44     output << "* " << setw(14) << "CLASS" << ": " << "CS1A" << endl;
45     output << "* " << setw(14) << "SECTION" << ": " << "MW: 7:30P" << endl;
46     output << "* " << asType << " #" << setw(colWidth) << num << ": " << exersizeName << endl;
47     output << "*****\n\n";
48     output << right;
49 }
50
```