

PrintHeader.cpp

```
1 /*****
2  * AUTHOR      : Saul Moreno
3  * STUDENT ID   : 269491
4  * ASSIGNMENT#5 : Abstract Class
5  * CLASS        : CS1C
6  * SECTION      : MW 5:00pm
7  * DUE DATE     : 3/2/20
8  *****/
9
10 #include "header.h"
11
12 /*****
13 *FUNCTION - PrintHeader
14 *
15 *This function receives an assignment name, type and number then outputs the
16 * appropriate header - returns nothing.
17 *
18 *PRE-CONDITIONS
19 *   asName: Has to be previously defined
20 *   asType: Has to be previously defined
21 *   asNum: Has to be previously defined
22 *
23 *POST-CONDITIONS
24 *   This function will output class heading.
25 *   <Post-conditions are the changed outputs either passed by value or
26 *   by reference OR anything affected by the function.
27 *
28 *****/
29
30 void PrintHeader(std::string asName, // IN - Assignment Name
31                 int asNum, // IN - assignment type
32                 // (LAB or ASSIGNMENT)
33                 char asType)// IN - assignment number
34 {
35     std::cout << std::left;
36     std::cout << "*****\n";
37     std::cout << "* PROGRAMMED BY : Saul Moreno\n";
38     std::cout << "* " << std::setw(14) << "STUDENT ID" << ": 269491\n";
39     std::cout << "* " << std::setw(14) << "CLASS" << ": CS 1C MW-5:00pm\n";
40     std::cout << "* ";
41     if (toupper (asType) == 'L')
42     {
43         std::cout << "LAB #" << std::setw(9);
44     }
45     else
46     {
47         std::cout << "ASSIGNMENT #" << std::setw(2);
48     }
49     std::cout << asNum << ": " << asName << std::endl;
50     std::cout << "*****\n\n";
51     std::cout << std::right;
52 }
53
```