```cpp
1 /***********************************************************
2 * AUTHOR     : Ali Eshghi
3 * STUDENT ID    : 1112261
4 * ASSIGNMENT #4 : Assessing Recursion Performance
5 * CLASS         : CS 1B
6 * SECTION       : MW - 7:30 pm - 9:50 pm
7 * DUE DATE      : 11/26/2019
8 ***********************************************************/
9
10 #include "MyHeader.h"
11
12 /***********************************************************
13  * PrintHeader
14  *    This function receives receives an assignment name, type
15  *     and number then outputs the appropriate header
16  *
17  *    returns  nothing -> This will output the class heading.
18  ***********************************************************/
19
20 void PrintHeader(string asName,  // IN - assignment Name
21                  char    asType, // IN - assignment type
22                  int     asNum)  // IN - assignment number
23 {
24
25     cout << left;
26     cout << "***********************************************\n";
27     cout << "*  Programmer : Ali Eshghi\n";
28     cout << "*  " << setw(14) << "STUDENT ID" << ": 1112261\n";
29     cout << "*  " << setw(14) << "CLASS"      << ": MW - 7:30-9:50\n";
30     cout << "*  ";
31
32     if (toupper(asType) == 'L')
33     {
34         cout << "LAB #" << setw(9);
35     }
36
37     else
38     {
39         cout << "ASSIGNMENT #" << setw(2);
40     }
41
42     cout << asNum << ": " << asName << endl;
43     cout << "***********************************************\n\n";
44     cout << right;
45
46 }
47
48
49
```