

MyHeader.h

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2 * PROGRAMMER : Ali Eshghi & Amirarsalan Valipour
3 * STUDENT ID : 1112261 / 1103126
4 * CLASS      : CS1B
5 * SECTION    : MW 7:30pm
6 * Lab #5     : Binary Search
7 * DUE DATE   : 24 September 2019
8
  *****
  *****/
9
10 #ifndef MYHEADER_H_
11 #define MYHEADER_H_
12
13 #include <iostream>
14 #include <iomanip>
15 #include <string>
16 using namespace std;
17
18 //FUNCTIONS
19
20 void PrintHeader(const string PROGRAMMER,
21                 const string CLASS,
22                 const string SECTION,
23                 const int    ASSIGN_NUM,
24                 const string ASSIGN_NAME);
25
26 void ArrayOutput(int numAr[], const int AR_SIZE, int searchNum);
27
28 void ArraySort(int numAr[], const int AR_SIZE);
29
30 int ArraySequentialSearch(int numAr[], const int AR_SIZE, int
    searchNum);
31
32 int ArrayBinarySearch(int numAr[], const int AR_SIZE, int
    searchNum);
33
34 void ArrayOutput(int numAr[], const int AR_SIZE);
35
36 #endif /* MYHEADER_H_ */
37
```