

MyHeader.h

```
1 /*****
2  * PROGRAMMER : Ali Eshghi
3  * STUDENT ID : 1112261
4  * CLASS      : CS1C
5  * SECTION    : MW 5pm
6  * Assign #4   : Enhanced Employee
7  * DUE DATE    : 26 February 2020
8  *****/
9 #ifndef MYHEADER_H_
10 #define MYHEADER_H_
11
12 //Preprocessor directives
13
14 #include<iostream> //for input and output
15 #include<iomanip>   //for output style
16 #include<string>    //for using string
17
18 //using the name space standard
19 using namespace std;
20
21
22 //class date: for defining the date
23 class date
24 {
25 //public parts containing the method functions of the class
26 public:
27
28     //default constructor
29     date();
30
31     //destructor
32     ~date();
33
34 //protected attributes of the class (accessible by derived classes)
35 protected:
36     int month; //PROCESS - for storing month
37     int day;   //PROCESS - for storing day
38     int year;  //PROCESS - for storing year
39 };
40
41
42 //Class employee(derived from the class date):
43 //for setting and changing the attributes about the employees
44 class employee: protected date
45 {
46 //public parts containing the method functions of the class
47 public:
48     //default constructor
49     employee();
50
51
52     //destructor
53     ~employee();
54
55     //method function for setting the name
56     void setName(string empName);
57
58     string getName();
59 }
```