

employee.h

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1 /*****
2  * AUTHOR      : Saul Moreno
3  * STUDENT ID  : 269491
4  * ASSIGNMENT# : 4
5  * CLASS       : CS1C
6  * SECTION    : MW 5:00pm
7  * DUE DATE   : 3/27/2020
8  *****/
9
10 #ifndef EMPLOYEE_H_
11 #define EMPLOYEE_H_
12
13 #include "header.h"
14
15 class Employee
16 {
17     public:
18         /***/
19         ****CONSTRUCTOR/DESTRUCTOR**
20         *****/
21         Employee(); //DEFAULT CONSTRUCTOR
22         ~Employee(); //DEFAULT DESTRUCTOR
23
24         /***/
25         **** MUTATORS ****
26         *****/
27         void SetInitial(string eName, int eId, string ePhone, int eAge,
28             char eGender, string eTitle, double eSalary, string eHire);
29         void ChangeEmployeesName(string eName); //changes the employee's name
30         void ChangeEmployeesId(int eId); //changes the employee's id
31         void ChangeEmployeesPhone(string ePhone); //changes the employee's phone #
32         void ChangeEmployeesAge(int eAge); //changes the employee's age
33         void ChangeEmployeesGender(char eGender); //changes the gender
34         void ChangeEmployeesJobTitle(string eTitle); //changes the employee's job
35             // title
36         void ChangeEmployeesSalary(double eSalary); //changes the employee's salary
37         void ChangeEmployeesHireDate(string eHire); //changes the employee's hire
38             // date
39
40         /***/
41         **** ACCESSORS ****
42         *****/
43         void DisplayTable() const; // Will display table
44         void Display() const; // Will display employee information
45
46     protected:
47         const int SET_NAME = 15; // - column width for the name
48         const int SET_ID = 14; // - column width for the id
49         const int SET_PHONE = 14; // - column width for the phone
50         const int SET_AGE = 5; // - column width for the age
51         const int SET_GEN = 7; // - column width for the gender
52         const int SET_TITLE = 16; // - column width for the job title
53         const int SET_SAL = 10; // - column width for the salary
54         const int SET_DATE = 8; // - column width for the date
55         string employeeName; // - holds employee's name
56
57     private:
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58  int    employeeId;    // - holds employee's id
59  string phoneNumber;   // - holds employee's phone number
60  int    employeeAge;   // - holds employee's age
61  char   employeeGender; // - holds employee's gender
62  string employeeTitle; // - holds employee's title
63  double employeeSalary; // - holds employee's salary
64  string hireDate;      // - holds employee's hire date
65
66 };
67
68 #endif /* EMPLOYEE_H_ */
69
```