

```
1 #include <stdio.h>
2 #include <stdbool.h>
3 #include "H_View.h"
4
5 int main()
6 {
7     dPtr D;
8     bool loginRequired = true, loginRet;
9
10    /* Initialize Dictionary */
11    initDictionary(&D);
12
13    /* Pull Data from Files */
14    if (pullDictionaries(D))
15    {
16        printf(" Dictionaries pulled successfully\n");
17    }
18    else
19    {
20        printf(" Dictionaries failed to pull\n");
21    }
22
23    /* Insert default schemas */
24    insertDefault(D);
25
26    /* systemType 0 == Employer */
27    /* systemType 1 == Employee */
28    int systemType = 0;
29
30    if (systemType == 0)
31    {
32        /* Log in */
33        if (loginRequired)
34        {
35            header();
36            do
37            {
38                system("cls");
39                header();
40                if (!(loginRet = login()))
41                {
42                    printf("\n ERROR: The username or password is incorrect\n");
43                    printf("
44                    _____\n\n");
45                    printf(" *Press any key to continue...* ");
46                    getch();
47                }
48            } while (!loginRet);
49        }
50        /* Show Employer UI */
51        showEmployerMenu(D);
52    }
53    else
54    {
55        /* Show Employee UI */
56        showEmployeeSalary(D);
57    }
58}
```

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59  
60 } return 0;
```