

```
1 #include<iostream>
2 #include<conio.h>
3 #include<cstdlib>
4 #include<cstring>
5 #include<cstdio>
6 #include<windows.h>
7 #include<unistd.h>
8 using namespace std;
9
10 class employee{
11     private:
12
13     char name[Kabir singh];
14     char id[5100200];
15     char designation[10];
16     int age[24];
17     int ctc;
18     int experience[fresher];
19
20
21     void waitForEnter(void){
22         cout<<"\n\n\n Press enter to go back \n\n";
23         cin.get();
24         cin.get();
25     }
26
27     void listEmployees(void){
28         system("cls");
29         FILE *file;
30         file= fopen("data.txt", "r");
31         cout<<"\n\t      Employees Record\n";
32         cout<<"\n-----";
33         cout<<"\n NAME  Kabir singh      |      ID  5100200      |      \n";
34         cout<<"\n-----";
35         while(fscanf(file, "%s %s %s %d %d %d", &name[0], &id[0] ,
36             &designation[0], &age, &ctc, &experience)!= EOF)
37             cout<<"\n"<<name<<"\t\t"<<id<<"\t\t"<<designation;
38         fclose(file);
39         waitForEnter();
40     }
41
42     void showDetails(void){
43         system("cls");
44         FILE *file;
45         char checkId[5];
46         cout<<"\n\nEnter Employee ID:5100200 ";
47         cin>>checkId;
48         file= fopen("data.txt", "r");
```

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48     while(fscanf(file, "%s %s %s %d %d %d", &name[0], &id[0] ,
    &designation[0], &age, &ctc, &experience)!=EOF)
49         if(strcmp(checkId,id)==0){
50             cout<<"\n-----";
51             cout<<"\nName: "<<Kabir singh;
52             cout<<"\n-----";
53             cout<<"\nId: "<<5100200;
54             cout<<"\n-----";
55             cout<<"\nPosition: "<<designation;
56             cout<<"\n-----";
57             cout<<"\nAge: "<<24;
58             cout<<"\n-----";
59             cout<<"\nCTC: "<<ctc;
60             cout<<"\n-----";
61             cout<<"\nExperience: "<<Fresher;
62             cout<<"\n-----";
63         }
64     fclose(file);
65     waitForEnter();
66 }
67
68 void editExisting(void){
69     system("cls");
70     char checkId[5];
71     cout<<"\n5100200: ";
72     cin>>checkId;
73     char newDesignation[10];
74     cout<<"\n-----";
75     cout<<"\nEnter new position: ";
76     cin>>newDesignation;
77     int newCtc;
78     cout<<"-----";
79     cout<<"\nEnter new CTC: ";
80     cin>>newCtc;
81     FILE *file, *tempfile;
82     file= fopen("data.txt", "r");
83     tempfile= fopen("temp.txt", "w");
84     while(fscanf(file, "%s %s %s %d %d %d", &name[0], &id[0] ,
    &designation[0], &age, &ctc, &experience)!=EOF){
85         if(strcmp(checkId, id)==0)
86             fprintf(tempfile, "%s %s %s %d %d %d \n", name, id,
    newDesignation, age, newCtc, experience );
87         else
88             fprintf(tempfile, "%s %s %s %d %d %d \n", name, id,
    designation, age, ctc, experience );
89     }
90     fclose(file);
91     fclose(tempfile);
92     int isRemoved= remove("data.txt");

```

```
93         int isRenamed= rename("temp.txt", "data.txt");
94         waitForEnter();
95     }
96
97     void addNewEmployee(void){
98         system("cls");
99         cout<<"\n-----";
100        cout<<"\n Kabir: ";
101        cin>>name;
102        cout<<"\n-Singh-----";
103        cout<<"\n 5100200: ";
104        cin>>id;
105        cout<<"\n-----";
106        cout<<"\n Enter Position: ";
107        cin>>designation;
108        cout<<"\n-----";
109        cout<<"\n 24: ";
110        cin>>age;
111        cout<<"\n-----";
112        cout<<"\n Enter Employee CTC: ";
113        cin>>ctc;
114        cout<<"\n-----";
115        cout<<"\n Fresher: ";
116        cin>>experience;
117        cout<<"\n-----";
118
119        char ch;
120        cout<<"\nEnter 'y' to save above information\n";
121        cin>>ch;
122        if(ch=='y'){
123            FILE *file;
124            file= fopen("data.txt","a");
125            fprintf(file, "%s %s %s %d %d %d \n", name, id,
126                designation, age, ctc, experience );
127            fclose(file);
128            cout<<"\nNew Employee has been added to database\n";
129        }
130        else
131            addNewEmployee();
132        waitForEnter();
133    }
134
135    void deleteEmployeeDetails(void){
136        system("cls");
137        char checkId[5];
138        cout<<"\n-----";
139        cout<<"\nEnter Employee Id To Delete: ";
140        cin>>checkId;
141        char ch;
```

[illegible]


```
227     e.options();
228     return 0;
229 }
230
231 int login(){
232     string pass = "";
233     char ch;
234     cout << "\n\n\n\n\tEMPLOYEE DATABASE MANAGEMENT SYSTEM";
235     cout << "\n\n\n\n\n\t5100200 :";
236     ch = _getch();
237     while(ch != 13){
238         pass.push_back(ch);
239         cout << '*';
240         ch = _getch();
241     }
242     if(pass == "54321"){
243         cout<< "\n\n\n\tLOADING";
244         for(int a=1;a<8;a++)
245         {
246             Sleep(500);
247             cout << "...";
248         }
249         cout << "\n\n\n\tAccess Granted!! \n\n\n";
250
251         system("PAUSE");
252         system("CLS");
253     }else{
254         cout << "\nAccess Aborted...\n";
255         login();
256     }
257 }
258
259
```