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#include <stdio.h>
#include <stdlib.h>
#include <conio.h>
#include <windows.h>
#include <string.h>
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COORD coord = {0,0};
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void gotoxy(int x,int y)
{
    coord.X = x;
    coord.Y = y;
    SetConsoleCursorPosition(GetStdHandle(STD_OUTPUT_HANDLE),coord);
}
```

```
int main()
{
    FILE *fp, *ft;
    char another, choice;

    struct emp
    {
        char name[40];
        int age;
        float bs;
    };

    struct emp e;

    char empname[40];

    long int recsize;

    fp = fopen("EMP.DAT","rb+");
    if(fp == NULL)
    {
        fp = fopen("EMP.DAT","wb+");
        if(fp == NULL)
        {
            printf("Connot open file");
            exit(1);
        }
    }

    recsize = sizeof(e);

    while(1)
    {
        system("cls");
        gotoxy(30,10);
        printf("1. Add Record");
        gotoxy(30,12);
        printf("2. List Records");
        gotoxy(30,14);
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printf("3. Modify Records");
gotoxy(30,16);
printf("4. Delete Records");
gotoxy(30,18);
printf("5. Exit");
gotoxy(30,20);
printf("Your Choice: ");
fflush(stdin);
choice = getche();
switch(choice)
{
case '1':
    system("cls");
    fseek(fp,0,SEEK_END);

    another = 'y';
    while(another == 'y')
    {
        printf("\nEnter name: ");
        scanf("%s",e.name);
        printf("\nEnter age: ");
        scanf("%d", &e.age);
        printf("\nEnter basic salary: ");
        scanf("%f", &e.bs);

        fwrite(&e,recsize,1,fp);

        printf("\nAdd another record(y/n) ");
        fflush(stdin);
        another = getche();
    }
    break;
case '2':
    system("cls");
    rewind(fp);
    while(fread(&e,recsize,1,fp)==1)
    {
        printf("\n%s %d %.2f",e.name,e.age,e.bs);
    }
    getch();
    break;
case '3':
    system("cls");
    another = 'y';
    while(another == 'y')
    {
        printf("Enter the employee name to modify: ");
        scanf("%s", empname);
        rewind(fp);
        while(fread(&e,recsize,1,fp)==1)
        {
            if(strcmp(e.name,empname) == 0)
            {
                printf("\nEnter new name,age and bs: ");

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        scanf("%s%d%f",e.name,&e.age,&e.bs);
        fseek(fp,-recsize,SEEK_CUR);
        fwrite(&e,recsize,1,fp);
        break;
    }
}
printf("\nModify another record(y/n)");
fflush(stdin);
another = getche();
}
break;
case '4':
    system("cls");
    another = 'y';
    while(another == 'y')
    {
        printf("\nEnter name of employee to delete: ");
        scanf("%s",empname);
        ft = fopen("Temp.dat","wb");
        rewind(fp);
        while(fread(&e,recsize,1,fp) == 1)
        {
            if(strcmp(e.name,empname) != 0)
            {
                fwrite(&e,recsize,1,ft);
            }
        }
        fclose(fp);
        fclose(ft);
        remove("EMP.DAT");
        rename("Temp.dat","EMP.DAT");
        fp = fopen("EMP.DAT", "rb+");
        printf("Delete another record(y/n)");
        fflush(stdin);
        another = getche();
    }
    break;
case '5':
    fclose(fp);
    exit(0);
}
}
return 0;
}

```