

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
```

```
struct Employee {
    int emp_id;
    char emp_name[50];
    float emp_salary;
};
```

```
void addEmployee(FILE *file) {
    struct Employee emp;

    printf("Enter employee ID: ");
    scanf("%d", &emp.emp_id);

    printf("Enter employee name: ");
    scanf("%s", emp.emp_name);

    printf("Enter employee salary: ");
    scanf("%f", &emp.emp_salary);

    fseek(file, (emp.emp_id - 1) * sizeof(struct Employee), SEEK_SET);
    fwrite(&emp, sizeof(struct Employee), 1, file);
}
```

```
void displayEmployee(FILE *file, int emp_id) {
    struct Employee emp;

    fseek(file, (emp_id - 1) * sizeof(struct Employee), SEEK_SET);
    fread(&emp, sizeof(struct Employee), 1, file);
```

```
printf("Employee ID: %d\n", emp.emp_id);  
printf("Employee Name: %s\n", emp.emp_name);  
printf("Employee Salary: %.2f\n", emp.emp_salary);  
}
```

```
int main() {  
    FILE *file;  
    file = fopen("employees.dat", "rb+");  
  
    if (file == NULL) {  
        file = fopen("employees.dat", "wb+");  
        if (file == NULL) {  
            printf("Error creating file.");  
            return 1;  
        }  
    }  
}
```

```
int choice;  
int emp_id;
```

```
do {  
    printf("\nEmployee Management System\n");  
    printf("1. Add Employee\n");  
    printf("2. Display Employee Details\n");  
    printf("3. Exit\n");  
    printf("Enter your choice: ");  
    scanf("%d", &choice);  
  
    switch (choice) {  
        case 1:
```

```
        addEmployee(file);

        break;

    case 2:

        printf("Enter employee ID to display details: ");

        scanf("%d", &emp_id);

        displayEmployee(file, emp_id);

        break;

    case 3:

        printf("Exiting program.\n");

        break;

    default:

        printf("Invalid choice. Please try again.\n");

    }

} while (choice != 3);


fclose(file);

return 0;

}
```

```
C:\Users\kondur\OneDrive\ID x + v
Employee Management System
1. Add Employee
2. Display Employee Details
3. Exit
Enter your choice: 2
Enter employee ID to display details: 2
Employee ID: 1
Employee Name:
Employee Salary: 0.00

Employee Management System
1. Add Employee
2. Display Employee Details
3. Exit
Enter your choice: |
```