

Project : Employee Management System

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#include <stdio.h>
#include <string.h>
void create();
void view();
void edit();
void delete();
void choice();

void choice(){
    start:
    printf("\nWELCOME TO THE COMPANY\n");
    printf("-----\n");
    printf("Press 1 to Create a new Data\n");
    printf("Press 2 to View the Data\n");
    printf("Press 3 to edit the Data\n");
    printf("Press 4 to delete the Data\n");
    printf("Press 5 to exit the Program...!\n");
    printf("-----\n");

    int choice;
    scanf("%d",&choice);

    if(choice==5){
        printf("Exiting the Program...\n");
        return ;
    }
    switch (choice)
    {
        case 1:
            create();
            break;
        case 2:
            view();
            break;
        case 3:
            edit();
            break;
        case 4:
            delete();
            break;
        default:
            break;
    }
}
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}
struct emp
{
    int id;
    char name[30];
    int age;
    char branch[20];
    char designation[20];
};

void create(){
    struct emp p1;
    printf("Enter Employee Id:\n");
    scanf("%d",&p1.id);

    printf("Enter Employee name: \n");
    scanf("%s", p1.name);
    strcpy (p1.name, p1.name);

    printf("Enter Employee Age: \n");
    scanf("%d", &p1.age);

    printf("Enter Employee Branch:\n");
    scanf("%s", p1.branch);

    printf("Enter Employee Designation:\n");
    scanf("%s", p1.designation);

    FILE *fp=fopen("D:\\Wipro domain training\\Day 9\\Database.txt", "a");
    if(fp==NULL){
        printf("Error opening File\n");
        return ;
    }
    fprintf(fp,"Employee Id:%d\n Employee Name:%s\n Employee Age: %d \n
Employee Branch:%s\n Employee Designation :%s\n\n",p1.id,p1.name,p1.age,p1.branch,p1.designation);
    printf("Data Uploaded Successfully\n");
    fclose(fp);
}

void view(){
    FILE *ptr;
    ptr=fopen("D:\\Wipro domain training\\Day 9\\Database.txt", "r");
    if(ptr==NULL){
        printf("Failed to open File\n");
        return;
    }
    char a[100];
    while(fscanf(ptr, "%[^\\n]",a)!=EOF){

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        printf("%s\n",a);
    }
    fclose(ptr);
}

void edit(){
    FILE *ptr;
    ptr=fopen("D:\\Wipro domain training\\Day 9\\Database.txt", "r+");
    printf("Enter the Employee Id to Modify the Data:\n");
    char a;
    scanf("%c",a);

    char b[100];
    char ch;
    while(1){
        ch=fgetc(ptr);
        // printf("%c", ch);
        if(ch==a){
            fseek(ptr, -1, SEEK_CUR);
            fputc('2',ptr);
            fseek(ptr, 0, SEEK_CUR);
        }
        if(ch==EOF){
            printf("End of the file\n");
            return;
        }
    }
    fclose(ptr);
}

void delete(){
    FILE *ptr;
    ptr=fopen("D:\\Wipro domain training\\Day 9\\Database.txt", "r+");
    printf("Enter the Name of Employee to delete:\n");
    char a[100];
    scanf("%s",a);
    char b[100];
    while(fscanf(ptr,"%s",b)!=EOF){
        if(strcmp(a,b)==0){
            printf("hello");
        }
    }
}

int main()
{
    choice();
    return 0;
}

```

OUTPUT :

WELCOME TO THE COMPANY

Press 1 to Create a new Data

Press 2 to View the Data

Press 3 to edit the Data

Press 4 to delete the Data

Press 5 to exit the Program...!

1

Enter Employee Id:

121

Enter Employee name:

Anuj

Enter Employee Age:

25

Enter Employee Branch:

Electronics

Enter Employee Designation:

Software Developer

Data Uploaded Successfully

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WELCOME TO THE COMPANY

Press 1 to Create a new Data

Press 2 to View the Data

Press 3 to edit the Data

Press 4 to delete the Data

Press 5 to exit the Program...!

2

Employee Id:121

Employee Name:Anuj

Employee Age: 25

Employee Branch:Electronics

Employee Designation :Software

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