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

#define MAXN 50

/* Add a new employee, inputted data are local variables */
void addList(char codes[][9],
    char names[][21],double salaries[],
    int *pn){
     printf("Enter code:");
     gets(codes[*pn]);
     printf("Enter name:");
     gets(names[*pn]);
     printf("Enter salary:");
     scanf("%lf",&salaries[*pn]);
     (*pn)++;
  }

/* Print out data about employees bases on a known name */
void printList(char codes[][9],char names[][21],double salaries[], int n){
    int i=0;
    for(i=0;i<n;i++){
        printf("Employee : %d\n",i+1);
        printf("  Code:%s\n",codes[i]);
        printf("  Name:%s\n",names[i]);
        printf("  Salary:%0.2lf\n",salaries[i]);
    }
}
/* Find the position of a known code */
int findCode (char code[], char codes[][9], int n){
    int i=0;
    for(i=0;i<n;i++){
        if(strcmp(code,codes[i])==0){
            return i;
        }
    }
    return -1;
}
```

```c
/* Sort the list based on salary+allowance*/
void swapString(char* a,char* b){
    char t[50];
    strcpy(t,a);
    strcpy(a,b);
    strcpy(b,t);
}
void swapNumber(double* a, double* b){
    double t = *a;
    *a = *b;
    *b = t;
}

void sort(char codes[][9],char names[][21],
 double salaries[],int n)
{
    int i=0,j;
    for(i=0;i<n;i++){
        for(j=n-1;j>i;j--)
         if(salaries[j] < salaries[j-1]){
            swapString(codes[j],codes[j-1]);
            swapString(names[j],names[j-1]);
            swapNumber(&salaries[j],&salaries[j-1]);
        }
    }
}
```

```c
int main()
{
    char codes[MAXN][9];
    char names[MAXN][21];
    double salaries[MAXN];
    int n = 0,index;
    char codeid[9];
    //Enter employee
    printf("----Enter New Employee----\n");
    do{
        printf("No.%d\n",n+1);
        addList(codes,names,salaries,&n);
        _flushall();
    }while(getch()!=27);
    //print all employees
    system("cls");
    printf("----View Employee List----\n");
    printList(codes,names,salaries,n);
    printf("Enter code to find:");
    gets(codeid);

    index = findCode(codeid,codes,n);
    printf("index = %d",index);
    sort(codes,names,salaries,n);
    printf("----View Employee List After Sorted----\n");
    printList(codes,names,salaries,n);
    return 0;
}
```