



ตัวอย่างโปรแกรมที่ 1 การใช้ Array of Structure (ผลลัพธ์ของโปรแกรมแสดงในสไลด์
week2_ArrOfStruct หน้าที่ 12)

```
#include <stdio.h>
#include <conio.h>
typedef struct{
    char id[10];
    char name[30];
    int age;
} student;
void main(){
    int i;
    student std[4];
    printf("Please <Enter> for Input 4 record: \n");
    for(i=0;i<4;i++)
    {
        printf("-----\n");
        printf("RECORD # %d \n",i+1);
        printf("\tCODE : ");
        scanf("%s",&std[i].id);
        printf("\tNAME : ");
        scanf("%s",&std[i].name);
        printf("\tAGE:");
        scanf("%d",&std[i].age);
    }
    printf("\n----- OUT PUT ----- \n");
    printf(" CODE          NAME          AGE\n");
    for(i=0;i<4;i++)
    {
        printf("%s %s %d\n",std[i].id,std[i].name,std[i].age);
    }
}
```

ตัวอย่างโปรแกรมที่ 2//Program on Nested Structure

```
#include <stdio.h>
#include <conio.h>
typedef struct {
    char ct[10];
    char dist[10],state[5];
    long int pin;
} adress;
typedef struct {
    char name[10];
    int age,sal;
    adress a;
} emp;
void main()
{
    emp e[2];
    int i;
    clrscr();
    for(i=0;i<=1;i++)
    {
        printf("Enter [%d]st Employee's Name, Age, salary :: ", i);
        scanf("%s%d%d",&e[i].name,&e[i].age,&e[i].sal);
        printf("\nEnter city, district, state & pincode ::");
        scanf("%s%s%s%ld",&e[i].a.ct,&e[i].a.dist,&e[i].a.state,&e[i].a.pin);
    }

    for(i=0;i<=1;i++)
    {
        printf("\n[%d]st Employee's Name :: %s",i,e[i].name);
        printf("\n[%d]st Employee's Age :: %d ",i,e[i].age);
        printf("\n[%d]st Employee's Salary :: %d",i,e[i].sal);
        printf("\n[%d]st Employee's City :: %s ",i,e[i].a.ct);
        printf("\n[%d]st Employee's District :: %s",i,e[i].a.dist);
        printf("\n[%d]st Employee's State :: %s",i,e[i].a.state);
        printf("\n[%d]st Employee's Pin :: %ld",i,e[i].a.pin);
    }
}
```