



Mahidol University
Wisdom of the Land

Week 5 : Array of Structure

Video-06: การแสดงผล
ตัวแปรโครงสร้างซ้อนกับตัวแปรโครงสร้าง



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struct ซ่อน struct

```
struct student {
```

```
    int id;
```

```
    char name[20];
```

```
    float grade;
```

```
    char major[20];
```

```
    struct subject course[10];
```

```
    struct date dob;
```

```
};
```

```
struct subject{  
    int course_id;  
    int credit;  
    char course_name[50];  
};
```

```
struct date{  
    int dd,mm,yy;  
};
```



struct ช้อน struct

```
struct subject{  
    int course_id;  
    int credit;  
    char course_name[50];  
};
```

```
struct date{  
    int dd,mm,yy;  
};
```

```
struct student {  
  
    int id;  
    s char name[20];  
    float grade;  
    char major[20];  
    struct subject course[10];  
    struct date dob;  
};
```



struct ซ่อน struct

```
struct student {
```

```
    struct date{  
        int dd,mm,yy;  
    };  
};
```

```
    int id;  
    char name[20];  
    float grade;  
    char major[20];  
    struct subject course[10];  
    struct date dob;  
};
```

```
struct student s;  
  
s.dob.dd  
s.dob.mm  
s.dob.yy
```



struct ซ่อน struct

```
struct subject{  
    int course_id;  
    int credit;  
    char course_name[50];  
};
```

```
struct student {
```

```
    int id;  
    char name[20];  
    float grade;  
    char major[20];  
    struct subject course[10];  
    struct data dob;
```

```
};
```

```
struct student s;
```

s.course[0].course_id

s.course[0].credit

s.course[0].course_name



การใช้ Typedef ช่วย

```
typedef struct  
{
```

```
    int course_id;
```

```
    int credit;
```

```
    char course_name[50];
```

```
} subject;
```

```
struct student {
```

```
    int id;
```

```
    char name[20];
```

```
    float grade;
```

```
    char major[20];
```

```
    subject course[10];
```

```
    struct t dob;
```

```
};
```

```
struct student s;
```

```
s.course[0].courses_id
```

```
s.course[0].credit
```

```
s.course[0].courses_name
```



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การใช้ Typedef ช่วย

```
typedef struct{  
    int dd,mm,yy;  
}date;
```

```
struct student {  
  
    int id;  
    char name[20];  
    float grade;  
    char major[20];  
    subject course[10];  
    date dob;  
  
};
```