



Mahidol University
Wisdom of the Land

Week 5 : Array of Structure

Video-04: การสร้างตัวแปรโครงสร้างซ้อน
กับตัวแปรโครงสร้าง



struct ซ่อน struct

```
struct student {
```

```
    int id;
```

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

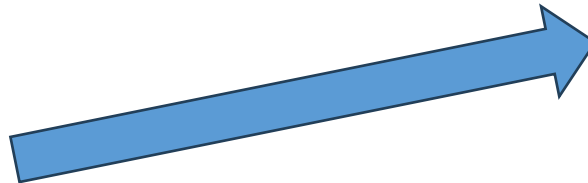
```
    float grade;
```

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

```
    struct date dob;
```

```
};
```

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





struct ช้อน struct

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

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



struct ซ่อน struct

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

```
struct student {
```

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

```
struct student s;
```

s.dob.dd
s.dob.mm
s.dob.yy



การใช้ Typedef ช่วย

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

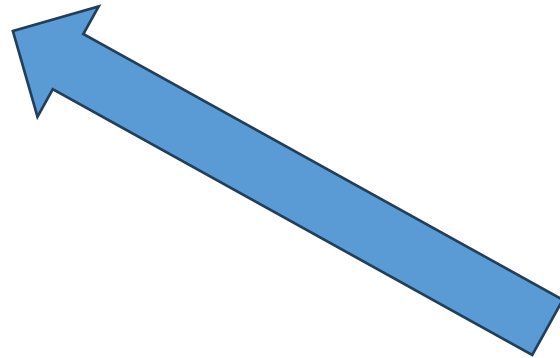
```
struct student {
```

```
    int id;  
    char name[20];  
    float grade;  
    char major[20];  
    date dob;
```

```
};
```

```
struct student s;
```

```
s.dob.dd  
s.dob.mm  
s.dob.yy
```





การใช้ Typedef ช่วย

```
typedef struct {
```

```
    int id;  
    char name[20];  
    float grade;  
    char major[20];  
    date dob;
```

```
} student;
```

```
student s;
```

```
s.dob.dd
```

```
s.dob.mm
```

```
s.dob.yy
```



การใช้ร่วมกับ array

```
typedef struct {
```

```
    int id;
```

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

```
    float grade;
```

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

```
    date dob;
```

```
} student;
```

```
student arr[3];
```

arr[0].dob.dd	arr[1].dob.dd	arr[2].dob.dd
arr[0].dob.mm	arr[1].dob.mm	arr[2].dob.mm
arr[0].dob.yy	arr[1].dob.yy	arr[2].dob.yy