# C Programming Day17.B

	2017.11.10	
	structure	
	•	
•		
		<u></u>
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alis

# #define NEW 333

can use NEU
instead of 333

Find-replace in an editor

## Struct Variable Declaration (1)

```
structure type

struct aaa {

int i;

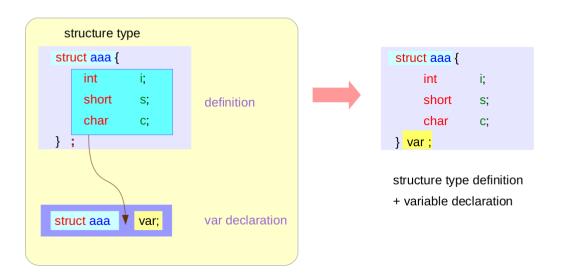
short s;

char c;

var;
```

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## Struct Variable Declaration (2)



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# Struct Variable Declaration (3)

```
structure type

struct aaa {
    int    i;
    short    s;
    char    c;
    };

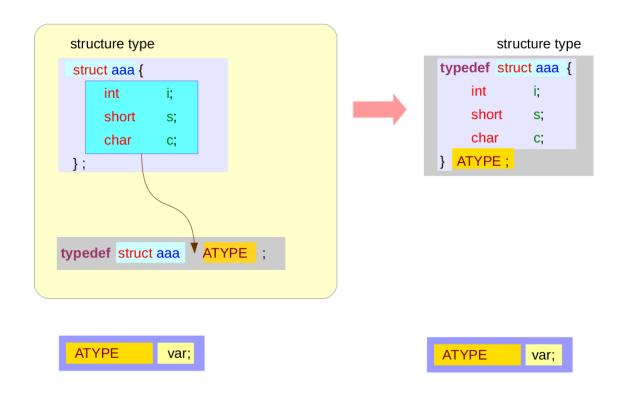
typedef struct aaa    ATYPE ;
```

```
structure type

typedef struct aaa {
   int   i;
   short   s;
   char   c;
} ATYPE;

ATYPE var;
```

# Struct Variable Declaration (4)



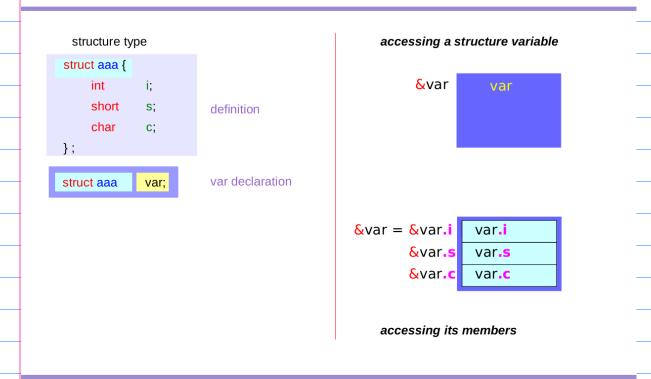
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## Struct Variable Declaration Summary

```
structure type
                                structure type
 struct aaa {
                                struct aaa {
      int
               i;
                                     int
      short
                                     short
                s;
                                              s;
      char
                                     char
                c;
                                              c;
                                };
 } ;
                                                                     ATYPE
                               typedef struct aaa
                                                    ATYPE;
 struct aaa
               var;
structure type
                                         structure type
                                typedef struct aaa {
struct aaa {
                                     int
                                              i;
              i;
     int
                                     short
                                              s;
     short
              s;
                                     char
                                              c;
    char
              c;
                                                                      ATYPE
                                ATYPE;
} var ;
```

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#### Structure Variable Declaration



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# Dereferencing Pointers to Structures (1)

