

/* Record example struct05.1.W2018 Struct containing a struct */

#include <stdio.h>

```
struct ADDRESS {  
    int street_number;  
    char street_name[15];  
    char city[10];  
    char province[2];  
    char postal_code[6];  
};
```

```
struct STUDENT {  
    char family_name[15];  
    char given_name[15];  
    struct ADDRESS addr;  
    int age;  
    char major[28];  
};
```

```
int main()  
{  
    struct STUDENT student1;  
  
    strcpy(student1.family_name, "Smith");  
    strcpy(student1.given_name, "Joan");  
    student1.addr.street_number = 101;  
    strcpy(student1.addr.street_name, "Main Ave");  
    strcpy(student1.addr.city, "Toronto");  
    student1.age = 21;  
    strcpy(student1.major, "Philosophy");  
  
    printf("%s\n", student1.family_name);  
}
```