"struct" in C



Wann verwendet man "struct"







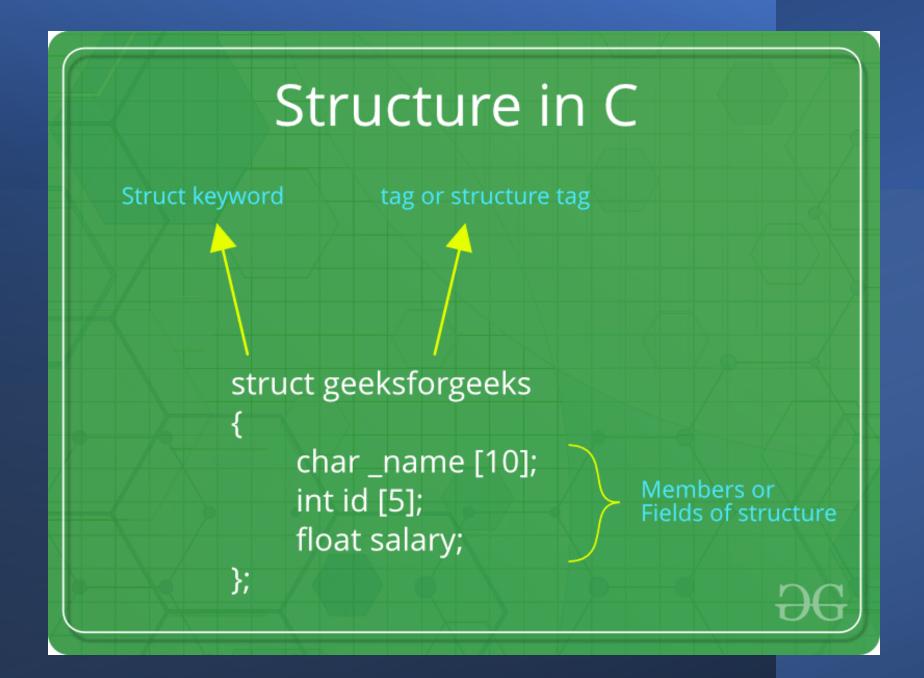
BENUTZERDEFINIERTE DATENTYPEN



DATENSTRUKTUREN (STRUCT IN STRUCT)



MEHR ALS EIN WERT KANN ÜBER RETURN WEITERGEGEBEN WERDEN



```
> #include ...
struct geekforgeeks{
    char _name[10];
    int id [5];
    double salary;
}structure1, structure2;
int main(){
    strcpy( dest: structure1._name, src: "structure1");
    struct geekforgeeks anotherExample = { ._name: "Anian", .id[0]: 5, .id[1]: 5, .id[2]: 5, .id[3]: 5, .id[4]: 5, .salary: 5055.5};
    struct geekforgeeks employee;
    strcpy( dest: employee._name, src: "Anian");
    for(int i = 0; i < 5; i++){
        employee.id[i] = i;
    employee.salary = 3500.55;
    printf( format: "name: %s\n", employee._name);
    printf( format: "id: ");
    for(int i = 0; i < 5; i++){
        printf( format: "%d", employee.id[i]);
    printf( format: "\nsalary: %f\n", employee.salary);
    printf( format: "name: %s\n", anotherExample._name);
    printf( format: "id: ");
    for (int i = 0; i < 5; i++) {
        printf( format: "%d", anotherExample.id[i]);
    printf( format: "\nsalary: %f\n", anotherExample.salary);
```

Quellen:

- https://www.geeksforgeeks.org/structures-c/
- https://www.w3schools.com/c/c structs.php
- https://www.programiz.com/c-programming/c-structures