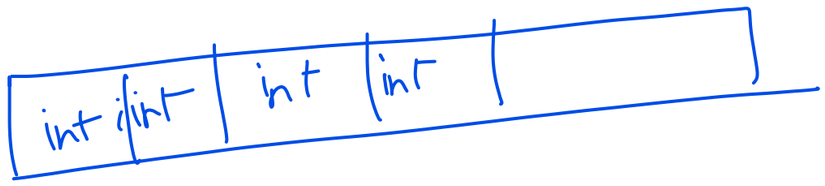
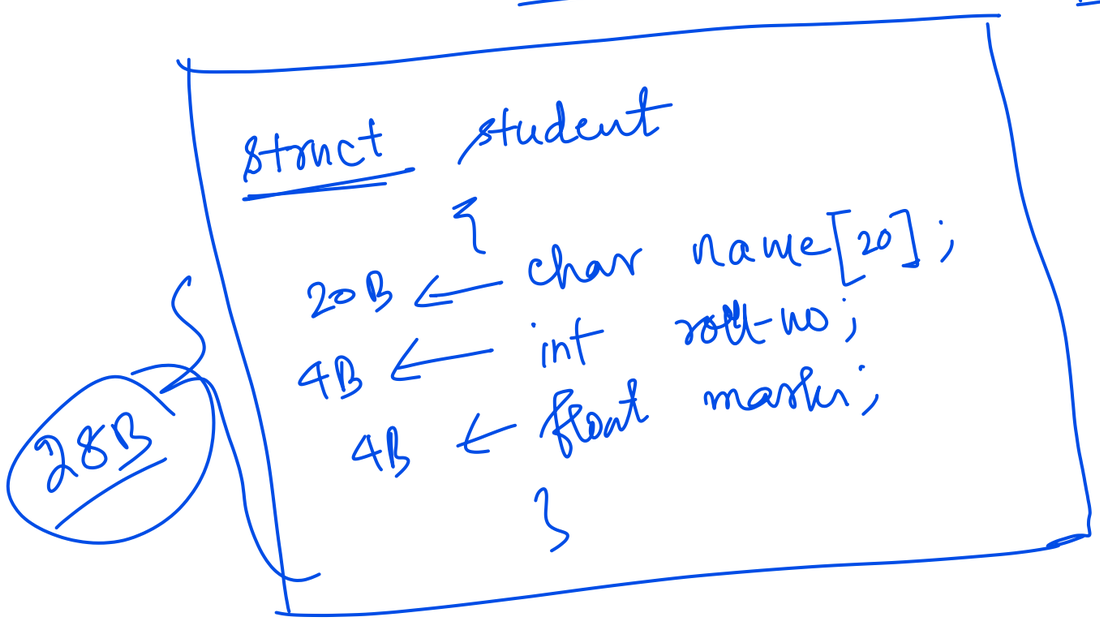
* Array is a collection of same type of elements

int a[100];

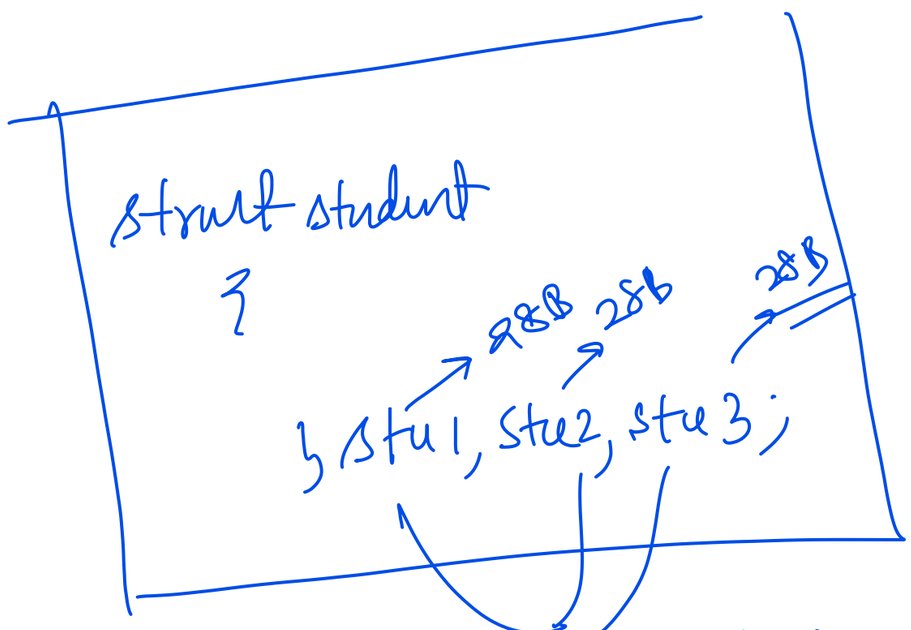




- Declaration of a structure provides one more data type type in addition to the built in data types.

* declaration of a structure template does not reserve any space in m/m for the members;

* space is reserved only when variables of this structure type are declared.



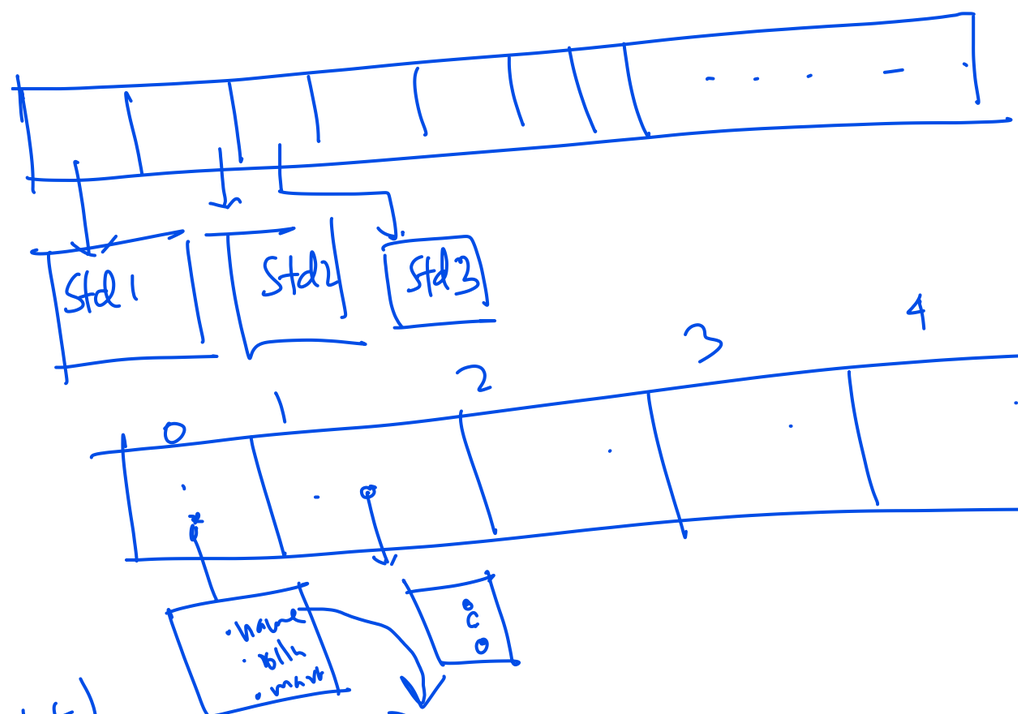
are variables of type struct student

struct student {

} ;

struct student std1, std2;

struct student std2 = { "John", 24, 67.5 } ;



stuarr[10]

for(i=0; i<3; i++)

scanf("...", &stuarr[0].name)

for(i=1 &stuarr[1]

```
struct student
{
    char name[20];
    int rollno;
    int marks;
};
struct student stu, *ptr;
```

ptr is a pointer variable that can point to a variable of type struct student

```
ptr = &stu;
```

You can access the member of a structure by using

```
(*ptr).name
```

or

```
ptr->name
```

```
struct student
{
    char name[20];
    int rollno;
    struct data
    {
        int day;
        int month;
        int year;
    } birthdate;
    float marks;
} stu1, stu2;
```

```
stu1.birthdate.day;
stu1.birthdate.month;
```