

Union and Enum

“A different type of structure”

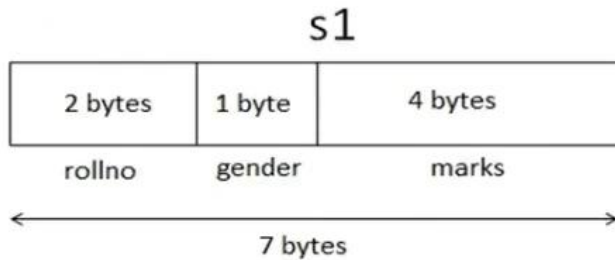
Prerequisite: Structure

Union

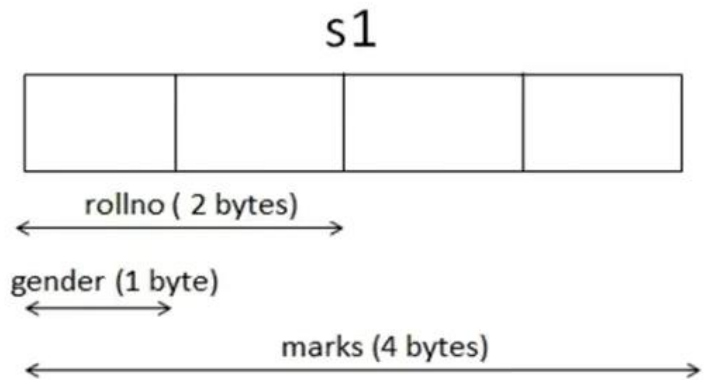
Stores different data types in the same memory location.

```
union student {  
    int rollno;  
    char gender;  
    float marks;
```

```
} s1;
```

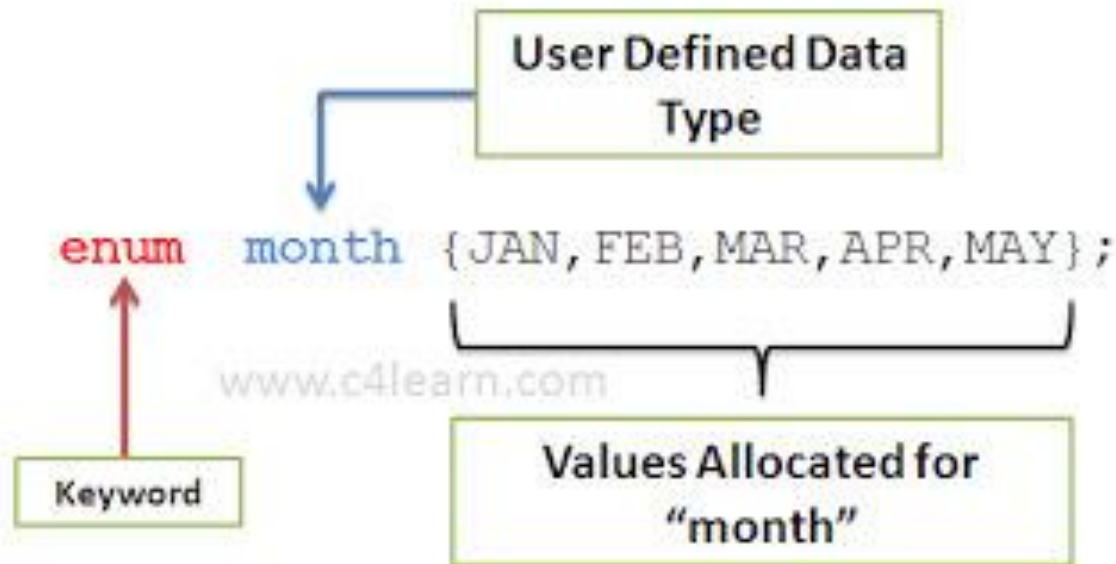


Memory Allocation in Structure



Memory Allocation in Union

Enum



Enum

- Custom values can be assigned to an Enum, the rest will be incremented automatically.

```
enum month {JAN = 1, FEB, MARCH, AUG = 8, SEP};
```

- A keyword used in an Enum cannot be used in another.