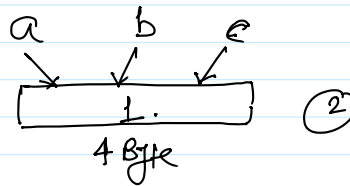


Union in C programming

A union is similar to structure, but there is one important difference.
How to define union?

```
union Data
{
    int a; ✓
    float b; ✓
    char c; ✓
};
```



How to calculate size? = size of its ^{largest} biggest element (4 Byte)

* All members of a union share the same memory location

```
union Data xyz;
```

```
xyz.a = 1;
```

```
printf(" %d", xyz.a); // 1
```

```
printf(" %.5f", xyz.b); // 1.00000 // xyz.b = 2.
```

```
printf(" %c", xyz.c); // 1 // 2
```