

# C Language

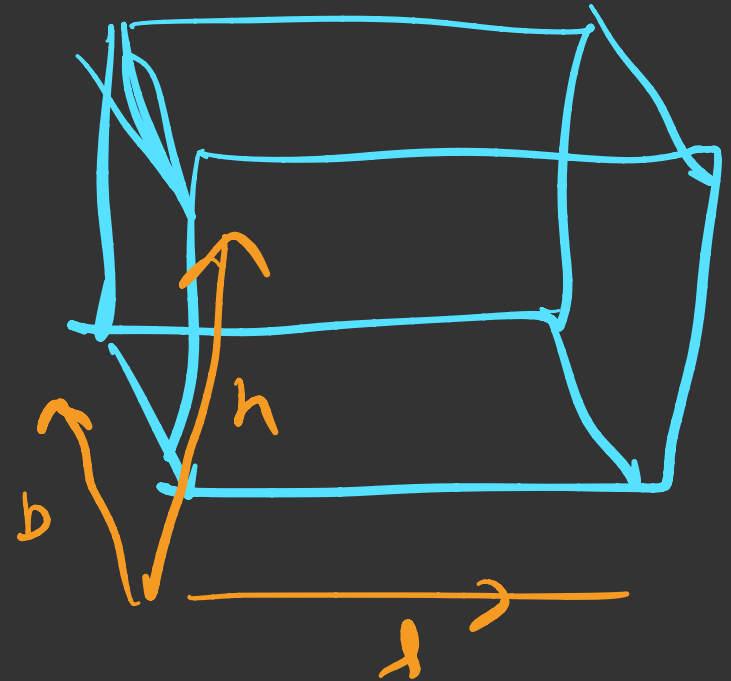
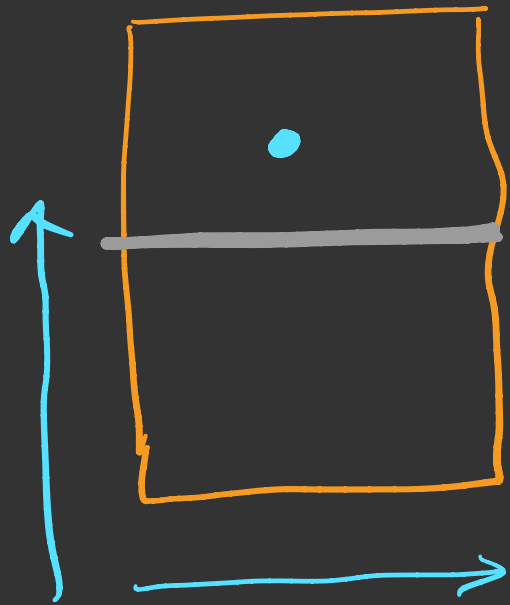
## 2d Arrays



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# Agenda

- ① Two dimensional arrays
- ② multi dimensional arrays.

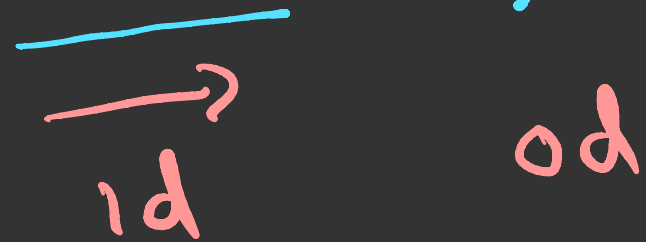
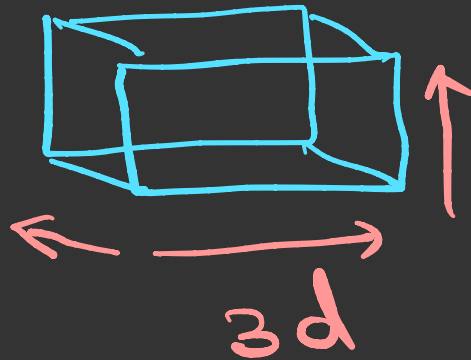
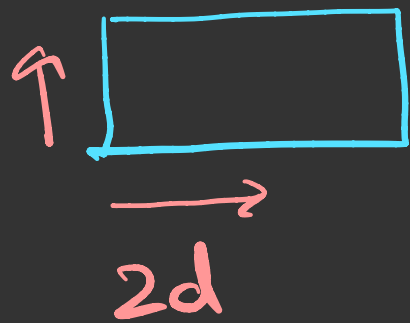


# Two dimensional Arrays

`int a[6];` one dimensional array

`int b[2][3];` two dimensional array

Dimension  $\rightarrow$  Direction of measurement

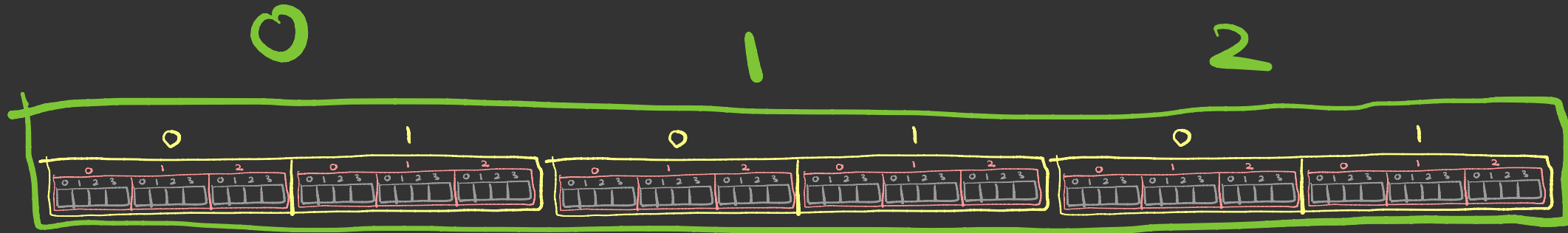


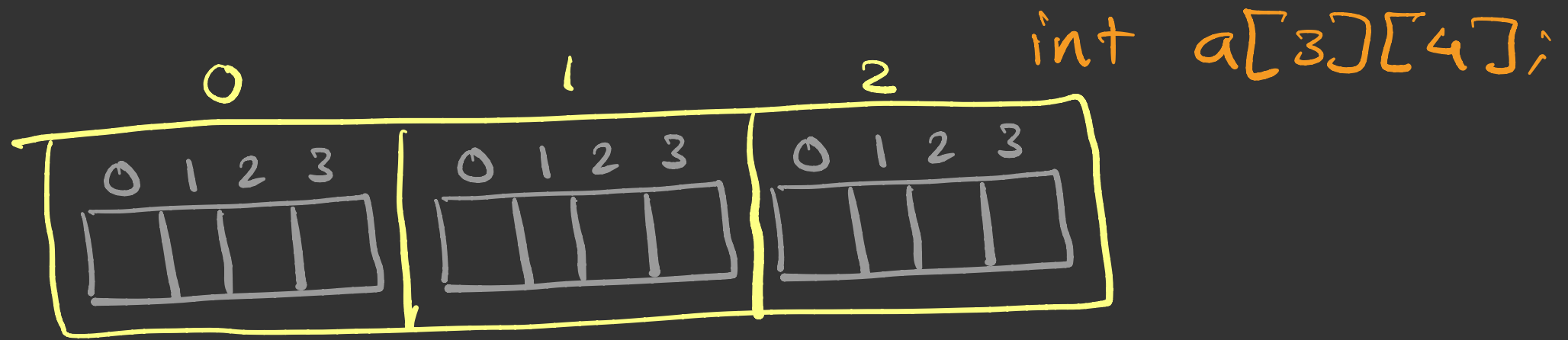
`int c[3][4][2];` three dimensional array



```
int a[3][2][3][4];
```

Array of Arrays





```
for (i=0; i<=2; i++)  
{  
    for (j=0; j<=3; j++)  
        scanf("%d", &a[i][j]);  
}
```