

11.d - Passing 2D Array to Function

Monday, 17 August 2026 19:07

```
main()
{
    int a[5][6];
    fun(a)
}
```

↑ address of first row

So function:

```
fun (int (*p)[6])
```

≡ fun (int a[5][6])

↓
The first dimension is not important

```
fun (int a[][6])
```

↓
First dim can be left empty

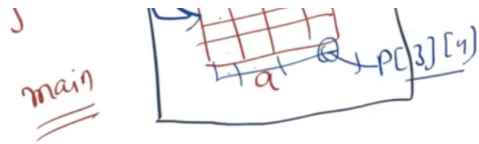
```
fun (int (*a)[y])
```

```
main ( )
{
    int a[5][6] = { 0 };
    fun(a)
}
```

fun (int p[5][6])

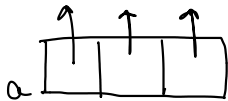
p[3][4] = 5





Array of pointers

`int * a[3];`



Pointer to an array

`int (*a)[3];`

