

```

int i, j, k=0;
for (i=0; i<2; i++) {
    for (j=0; j<4; j++) {
        m[i][j]=k++; /* ++k */
    }
}

```

	0	1	2	3
0	0	1	2	3
1	4	5	6	7
2	8	9	10	11

m[3][4]

1	2	3	4
5	6	7	8
9	10	11	12

```
#include <stdio.h>
void f(int x)
{ x = x + 1;
}
```

```
int main(void) {
    int y = 5;
    f(y);
    printf("%d\n", y);
    return 0;
}
```

=> 5

```
#include <stdio.h>
void g(int x[5]) {
    x[0] = 12;
    x[4] = 42;
}
int main(void) {
    int y[5] = {90, 91, 92, 93, 94};
    g(y);
    printf("%d %d\n",
           y[0], y[4]);
    return 0;
}
```

=> 12 42

$$Q = 3$$

$$b = 5$$

$$/* a = 3 \wedge b = 5 */$$

$$Q = b;$$

$$/* a = 5 \wedge b = 5 */$$

$$b = Q;$$

$$/* a = 5 \wedge b = 5 */$$

a = 3 b = 5 tmp

`/* a = 3 ^ b = 5 ^ tmp = ? */`

`tmp = a;`

`/* a = 3 ^ b = 5 ^ tmp = 3 */`

`a = b;`

`/* a = 5 ^ b = 5 ^ tmp = 3 */`

`b = tmp;`

`/* a = 5 ^ b = 3 ^ tmp = 3 */`

