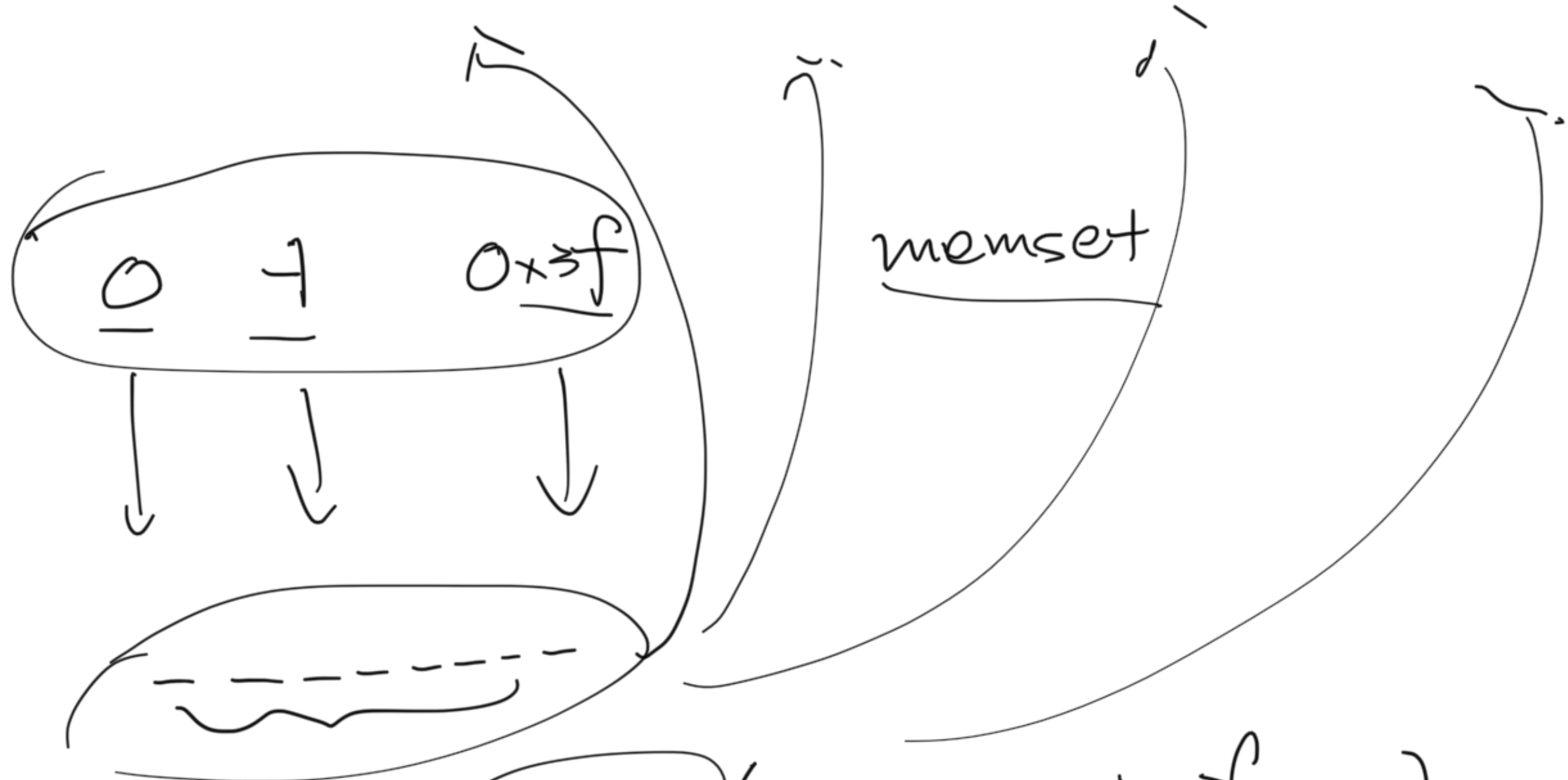
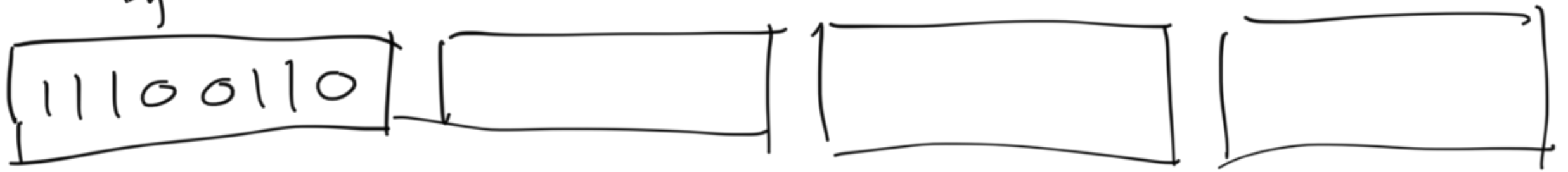


Byte = 8bit



memset(a, -1, sizeof(a))

a 数组 共 5 字节



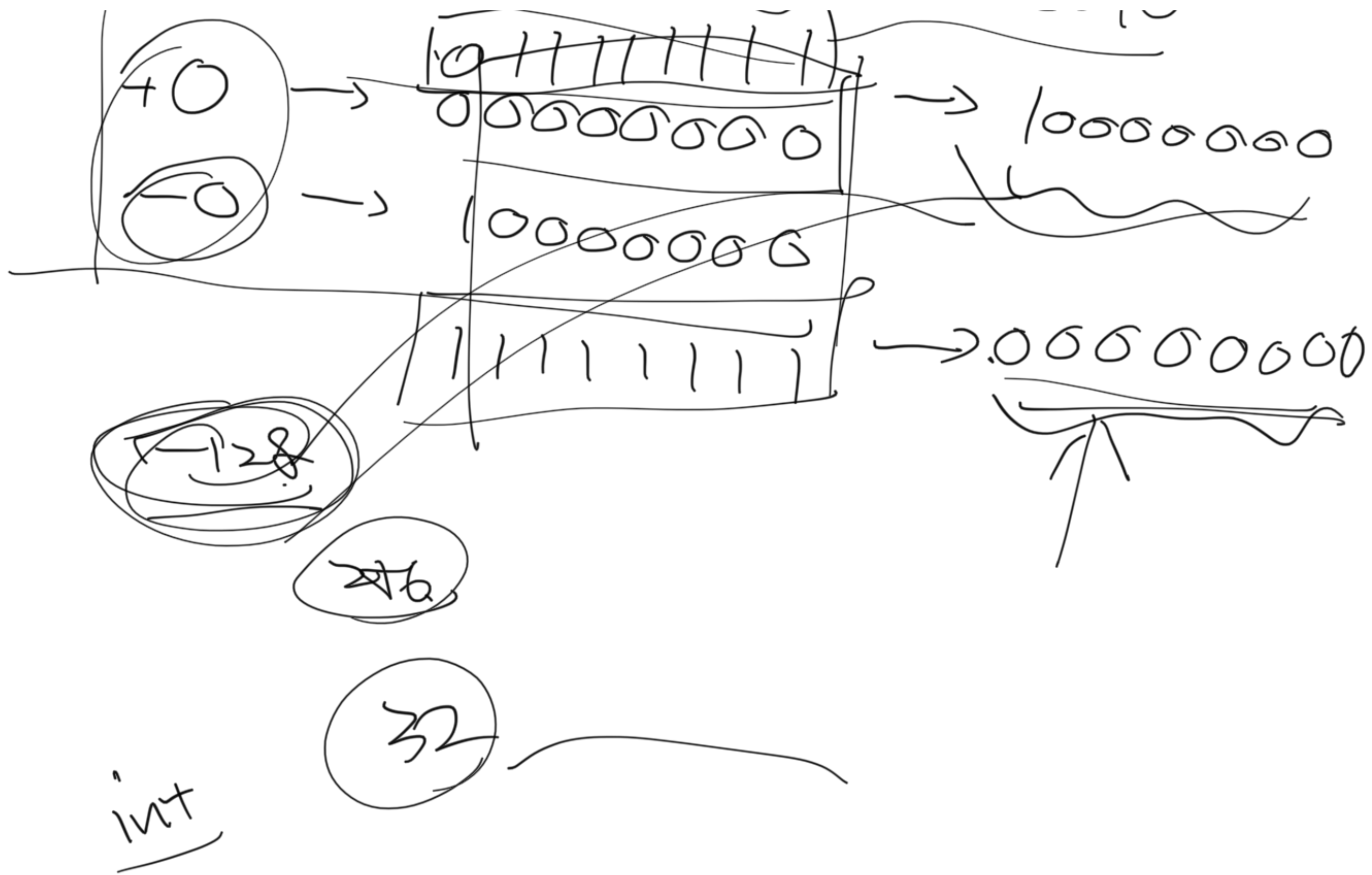
① int 数组 填充

int → 4 字节

$\sqrt{2}$

2 bit = 4 Byte





```
int f(int x) {  
    if (x == 0) return 1;  
}
```

return

$x + f(x-1)$

```
int f(int x) {
```

```
    if (x == 0) return 1;
```

```
    else return x * f(x-1);
```

完成 $x \times x \times \dots \times x$ 有多少种

$f(n)$

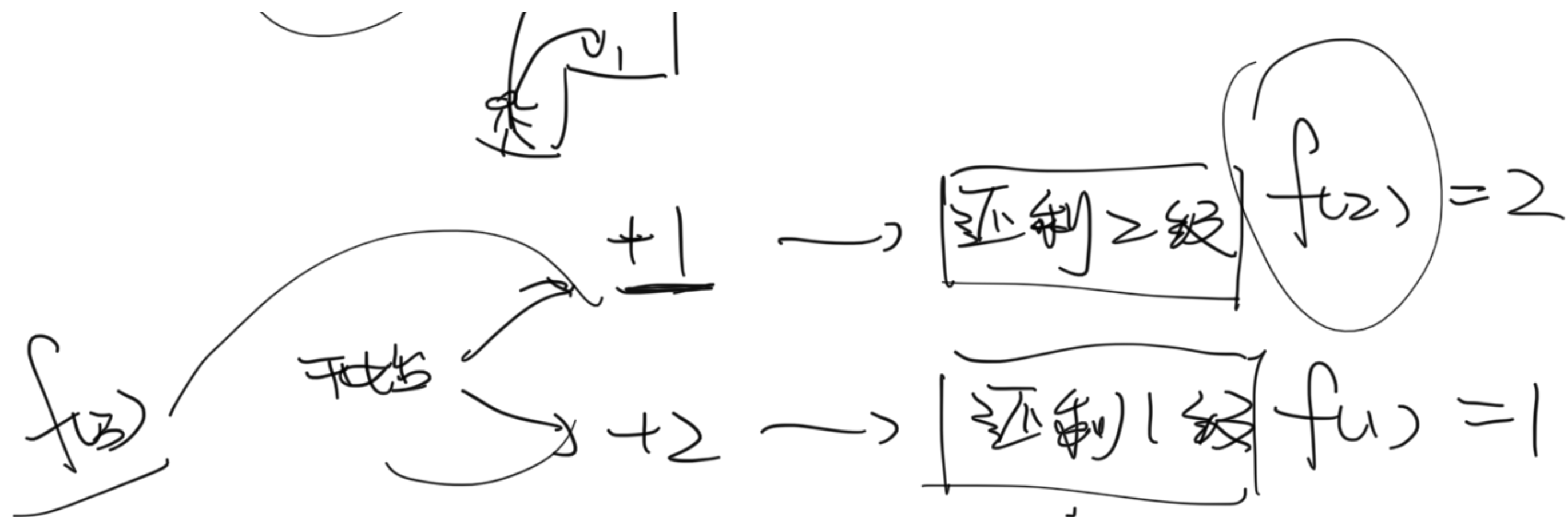
一步

有多少种

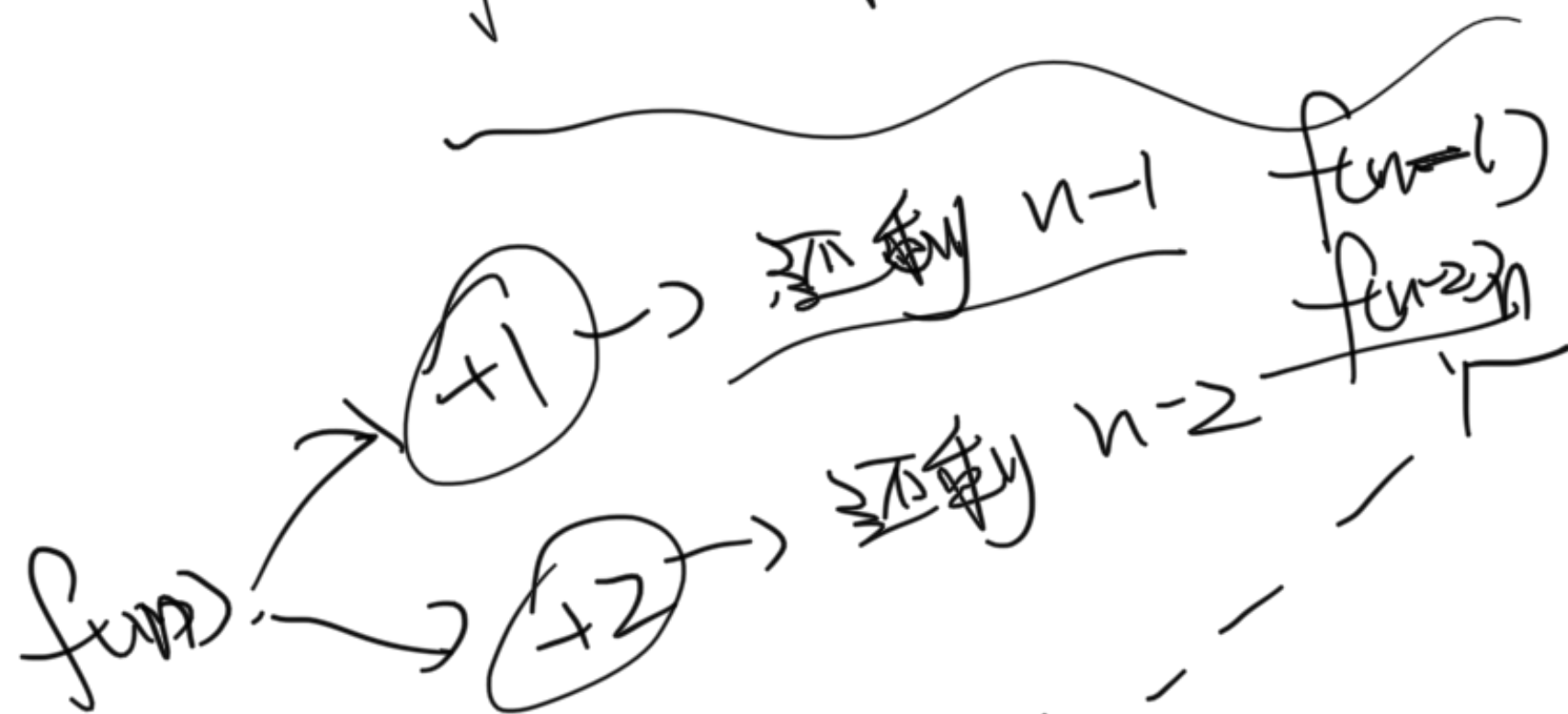
→

$f(n-1)$
 $f(n-2)$
 $f(n-3)$
 $f(3)$

2



$$f(3) = 1 \times f(2) + 1 \times f(1) = 1 + 2 + 1 \times 1 = 3$$



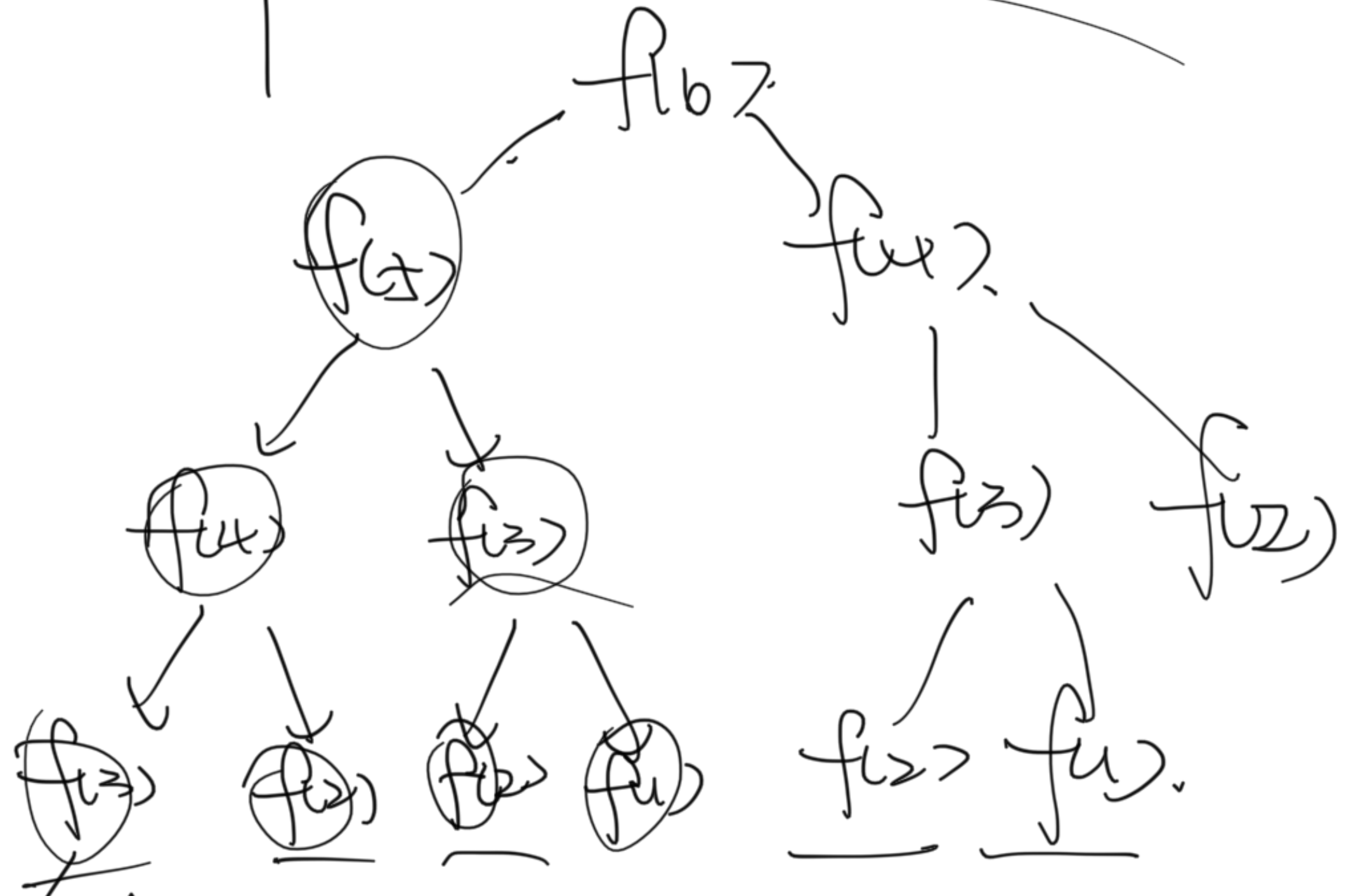
$$f(n) = 1 \times f(n-1) + 1 \times f(n-2)$$



Ex 1

$$f(n) = f(n-1) + f(n-2);$$

```
int f(int x) {  
    if (x == 1) return 1;  
    if (x == 2) return 2;  
    return f(x-1) + f(x-2);  
}
```



$\frac{1}{2}$ $\frac{1}{2}$

1