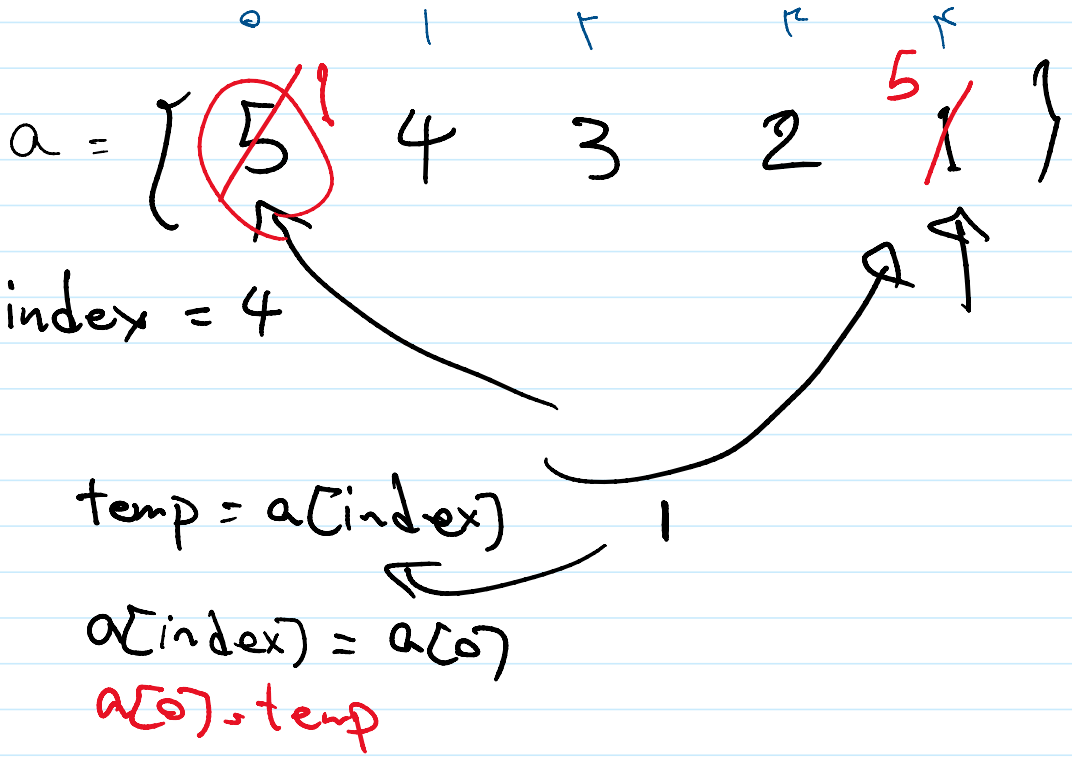
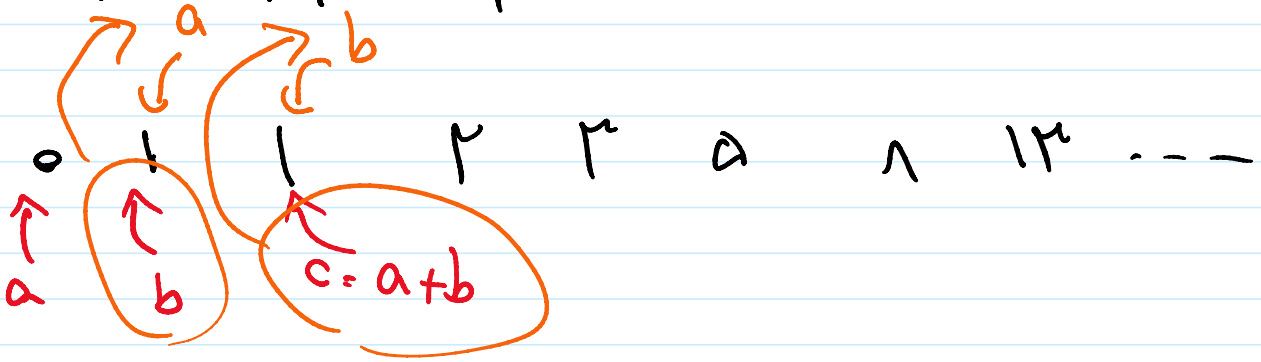


$f_0 = 0$

$f_1 = 1$

$f_n = f_{n-1} + f_{n-2}$



k

$$f_n = f_{n-1} + f_{n-2} + \cdots + f_{n-k}$$

$$f_1 = \cdots = f_{k-1} = 0$$

$$f_k = 1$$

```
while(      )
    n = 0;
    a[x]++;
```

a[0] : ~~0~~ 1

a[1]: 0

a[2] : ~~0~~ ~~1~~ 2

a[3] : ~~0~~ 1

---

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

int[] a;

boolean