Buenas tardes R001

Hoy desde casa

18:30 Comenzamos

$\overleftarrow{\text{Hola}}$ $\rightarrow$ $\overset{4}{\overbrace{\text{aloH}}}$

H o l a → a l o H
0 1 2 3   0 1 2 3

```
String invertida = "";     aloH
```

```
                3 → 0
for (int i = cadena.lenght()-1; i>=0; i--) {
        invertida += cadena.charAt(i);
                ↑
            concatena
```

```
string palabra = "neuquen";
                  Pimpum
String inv = invertirCadena(palabra);
```

inv ← neuquen
      mupmip
```
return (palabra.equals(inv))   → true
                                → false
```

<u>encriptar</u>

$$\underset{0\,1\,2\,3\,4\,5\,6\,7\,8\,9\,10\,11\,12\,13\,14\,15\,16\,17\,18\,19\,20\,21\,22\,23\,24\,25\,26}{A\,B\,C\,D\,E\,F\,G\,H\,I\,J\,K\,L\,M\,N\,\bar{N}\,O\,P\,Q\,R\,S\,T\,U\,V\,W\,X\,Y\,Z}$$

corrimiento $= 2$ $\left[\text{String encriptar (string s, int c)}\right]^{26}$

HOLA
↓ ↓ ↓ ↓
JQNC

ZONDAY
↓ ↓ ↓↓↓ ↓
B Q OFC A

C = 2   Z O N D A Y
C = 5   I T R I F D

Z(26) → pos 4
O(15) → pos 20
D(3) → pos 8
Y(25) → pos (3)

26   4
15   20
3   8
25   3

↓indexOf
④ = (26 + 5) % 27
         ↑c
20 = (15 + 5) % 27
8 = (3 + 5) % 27
3 = (25 + 5) % 27

a1 = [-5, 0, 0, 1, 5]
a2 = [-10, 0, 7]
resultado = [-10, -5, 0, 0, 0, 1, 5, 7]

-5 0 0 1 7
-10 0 1 4

-10 -5 0 0 0 1 1 4 7
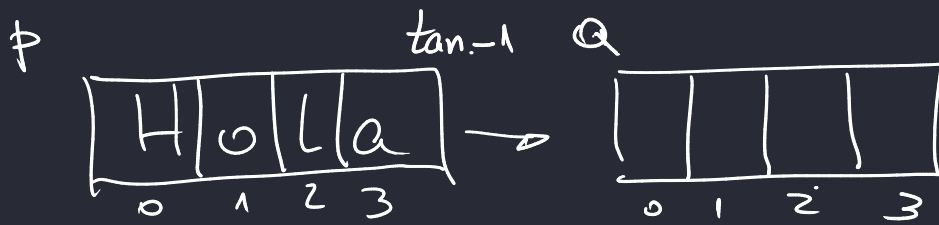
a 1 2 3 4 5 6 7

b 1

1 1 2 3 4 5 6 7

a 1 2 3 4

b

-1 1 2 3 4

a1 = [-5, 0, 0, 1, 5]
a2 = [-10, 0, 7]
resultado = [-10, -5, 0, 0, 0, 1, 5, 7]

(-5 0 0 1 5 -10 0 7). Sort

-10 -5 0 0 0 1 5 7

P | tan. -1 Q

H	o	l	a
0	1	2	3

→

0	1	2	3

$$0 \xleftarrow{\quad i \quad} 3 \qquad 0 \xrightarrow{\quad} 3$$

$$\text{for } \left[P[i] \longrightarrow Q[tam-1-i] \quad j \right.$$

$$P[3] \longrightarrow Q[0] \qquad 3-3 = 0 \qquad 3 \longrightarrow 0$$

$$P[2] \longrightarrow Q[1] \qquad 3-2 = 1$$

$$P[1] \longrightarrow Q[2] \qquad 3-1 = 2$$

$$P[0] \longrightarrow Q[3] \qquad 3-0 = 3$$

$$\longrightarrow \boxed{Q[inv.\,leyght - 1 - i] = P[i]}$$

$$invertida \; += P[i] \; .$$