



UNIVERSIDAD AUTÓNOMA DE CHIAPAS
FACULTAD DE CONTADURÍA Y ADMINISTRACIÓN C-1
LICENCIATURA EN SISTEMAS COMPUTACIONALES

“EJERCICIO DE ENCRIPCIÓN”

SISTEMAS OPERATIVOS

6-L

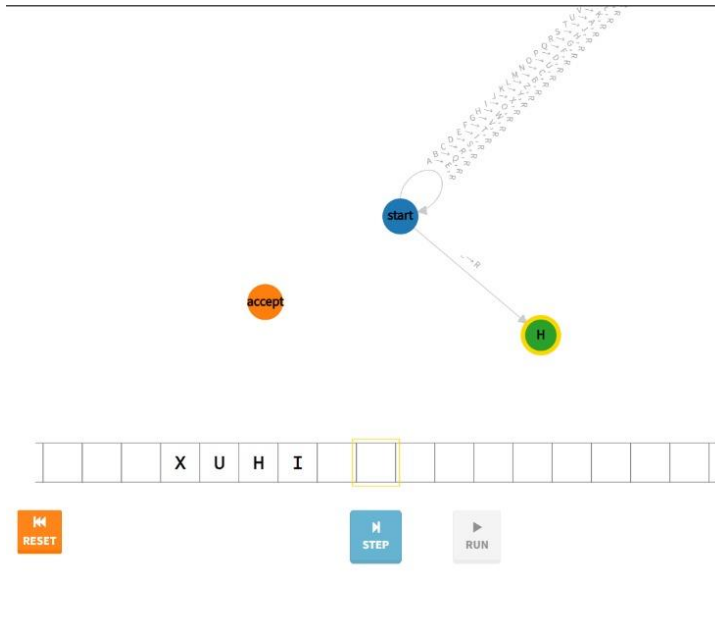
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100000433

28 DE FEBRERO DE 2025
TUXTLA GUTIERREZ, CHIAPAS. MEXICO

Encriptado:

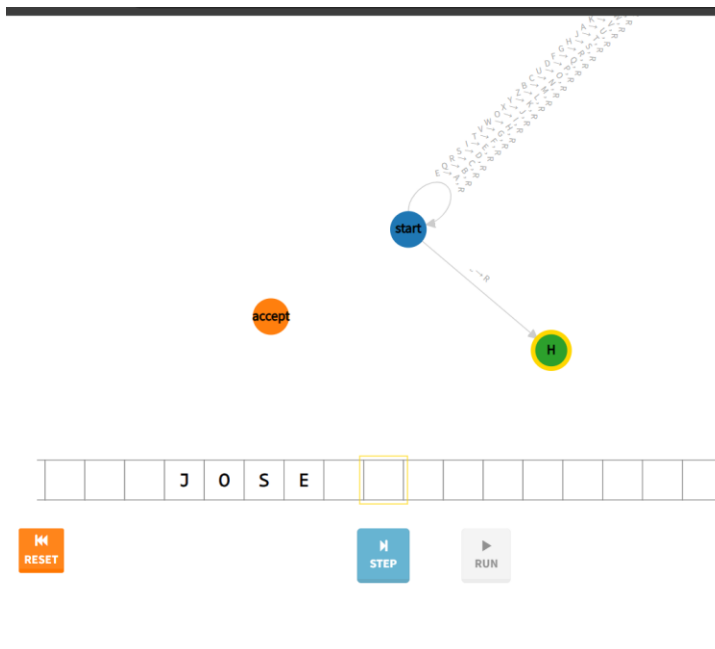


```

1 # Encriptación
2 input: 'JOSE' # Mensaje Encriptado
3 # Decryption shift of -2
4 blank: ' '
5 start state: start # Estado inicial
6
7 synonyms:
8 accept: {R: H}
9
10 table:
11 # Start state: lee cada letra y aplica el cambio de letra
12 start:
13 A: {write: E, R: start} # A -> Y
14 B: {write: Q, R: start} # B -> Z
15 C: {write: R, R: start} # C -> A
16 D: {write: S, R: start} # D -> B
17 E: {write: I, R: start} # E -> C
18 F: {write: T, R: start} # F -> D
19 G: {write: V, R: start} # G -> E
20 H: {write: W, R: start} # H -> F
21 I: {write: O, R: start} # I -> G
22 J: {write: X, R: start} # J -> H
23 K: {write: Y, R: start} # K -> I
24 L: {write: Z, R: start} # L -> J
25 M: {write: B, R: start} # M -> K
26 N: {write: C, R: start} # N -> L
27 O: {write: U, R: start} # O -> M
28 P: {write: D, R: start} # P -> N
29 Q: {write: F, R: start} # Q -> O
30 R: {write: G, R: start} # R -> P
31 S: {write: H, R: start} # S -> Q
32 T: {write: J, R: start} # T -> R
33 U: {write: A, R: start} # U -> S
34 V: {write: K, R: start} # V -> T
35 W: {write: L, R: start} # W -> U
36 X: {write: M, R: start} # X -> V
37 Y: {write: N, R: start} # Y -> W
38 Z: {write: P, R: start} # Z -> X
39 ' ': accept # Si se encuentra un espacio en
40 blanco, terminar

```

Desencriptado:



```

1 # Encriptación
2 input: 'XUHI' # Mensaje Encriptado
3 # Decryption shift of -2
4 blank: ' '
5 start state: start # Estado inicial
6
7 synonyms:
8 accept: {R: H}
9
10 table:
11 # Start state: lee cada letra y aplica el cambio de letra
12 start:
13 E: {write: A, R: start} # A -> Y
14 Q: {write: B, R: start} # B -> Z
15 R: {write: C, R: start} # C -> A
16 S: {write: D, R: start} # D -> B
17 I: {write: E, R: start} # E -> C
18 T: {write: F, R: start} # F -> D
19 V: {write: G, R: start} # G -> E
20 W: {write: H, R: start} # H -> F
21 O: {write: I, R: start} # I -> G
22 X: {write: J, R: start} # J -> H
23 Y: {write: K, R: start} # K -> I
24 Z: {write: L, R: start} # L -> J
25 B: {write: M, R: start} # M -> K
26 C: {write: N, R: start} # N -> L
27 U: {write: O, R: start} # O -> M
28 D: {write: P, R: start} # P -> N
29 F: {write: Q, R: start} # Q -> O
30 G: {write: R, R: start} # R -> P
31 H: {write: S, R: start} # S -> Q
32 J: {write: T, R: start} # T -> R
33 A: {write: U, R: start} # U -> S
34 K: {write: V, R: start} # V -> T
35 L: {write: W, R: start} # W -> U
36 M: {write: X, R: start} # X -> V
37 N: {write: Y, R: start} # Y -> W
38 P: {write: Z, R: start} # Z -> X
39 ' ': accept # Si se encuentra un espacio en
40 blanco, terminar

```