

The image features a central white sheet of graph paper with a light green grid. The text "PATRON MEMENTO" is written in a large, bold, black serif font across the middle of this sheet. To the left, a portion of an orange sheet with horizontal lines and punch holes is visible. Above the central sheet, a brown sheet with horizontal lines is partially shown. To the right, a red ribbon with white polka dots is draped diagonally. Below the central sheet, a green sheet with a white grid is visible, with a small red ribbon piece attached to its top edge. The entire composition is set against a light beige background.

# PATRON MEMENTO

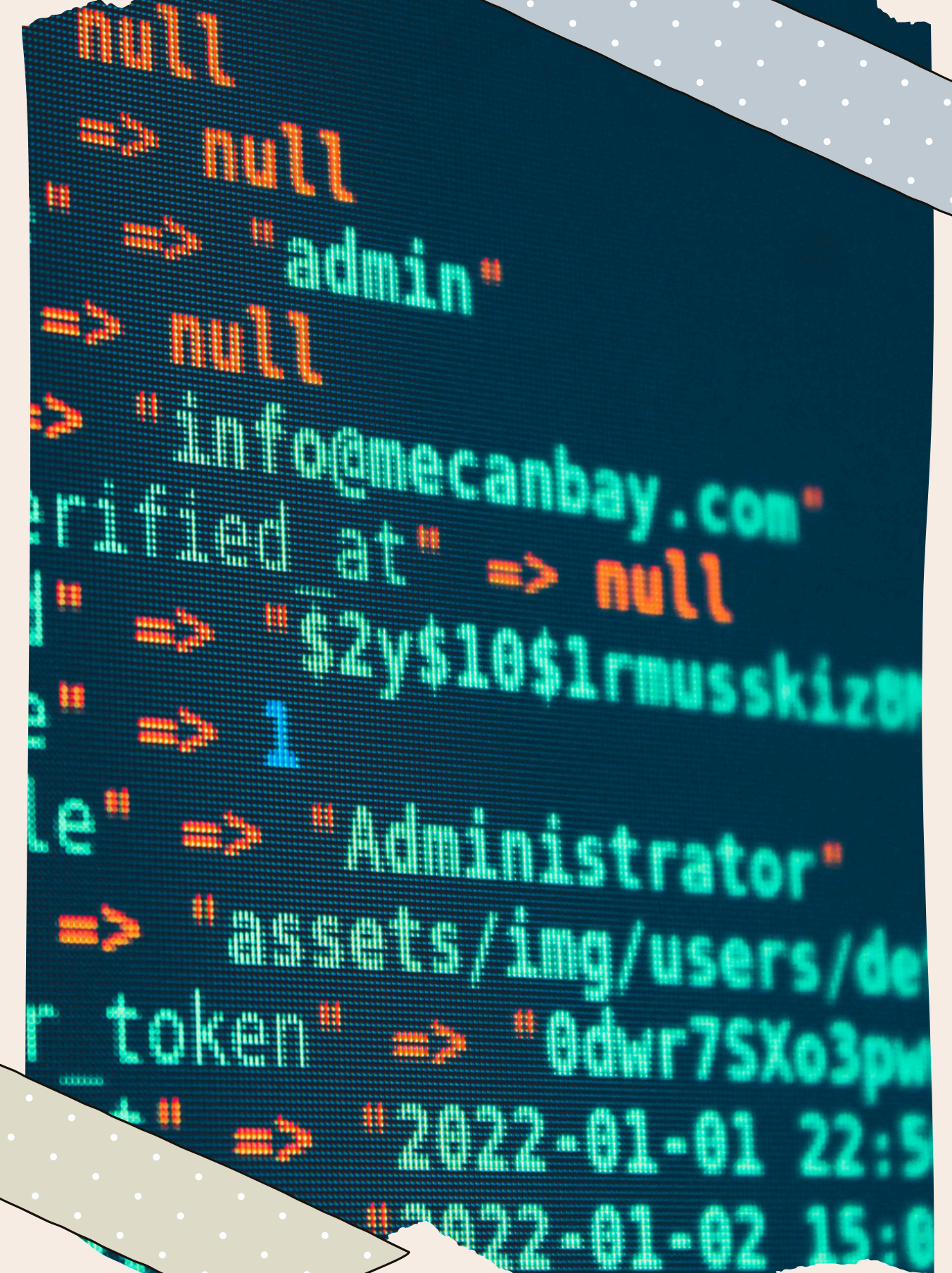


# QUE ES ?

sirve para \*guardar el estado de un objeto\*, como si hiciéramos una copia para poder volver a ese punto después

Es como cuando en un juego

\*guardamos la partida\* para volver si algo sale mal, o como hacer \*Ctrl + Z\* para deshacer.



```

null
=> null
"=> "admin"
=> null
"> "info@mecanbay.com"
rified_at" => null
"=> "$2y$10$1rmusskiz8
"=> 1
le" => "Administrator"
=> "assets/img/users/de
r_token" => "0dwr7SXo3pw
+ " => "2022-01-01 22:5
"2022-01-02 15:0

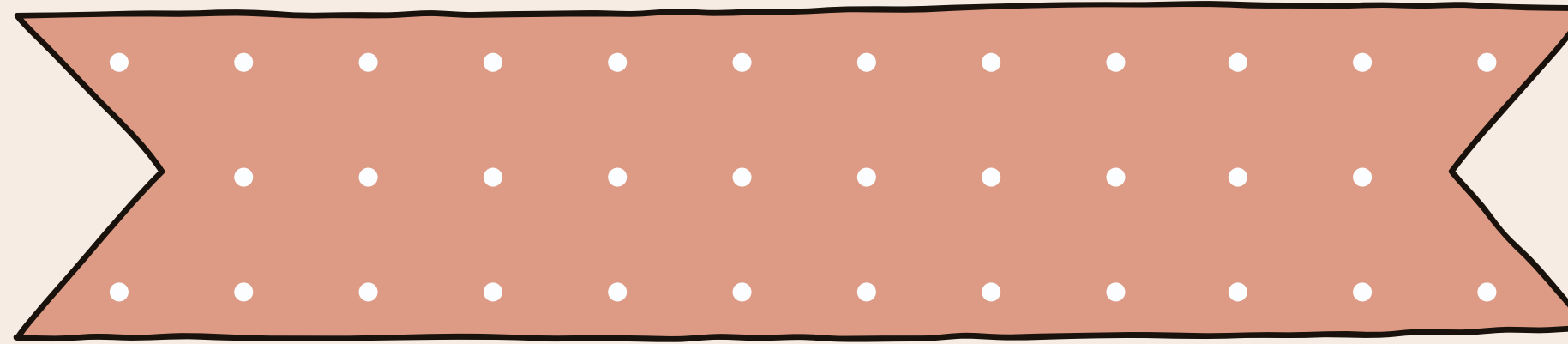
```



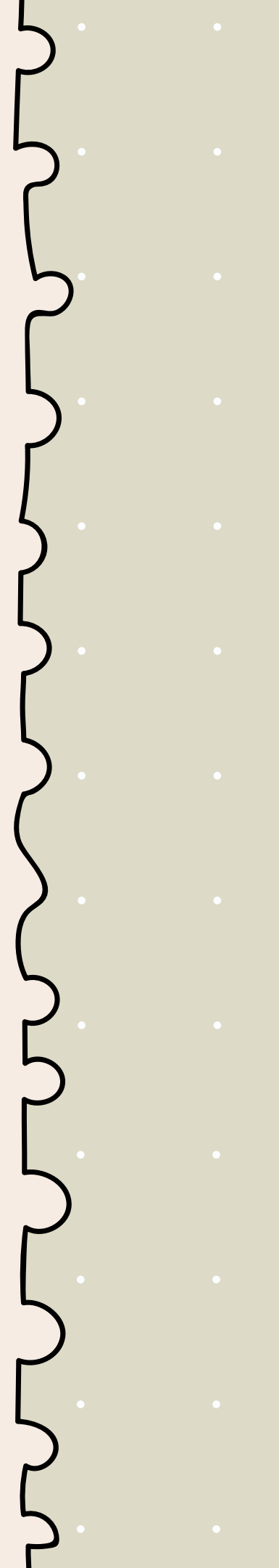
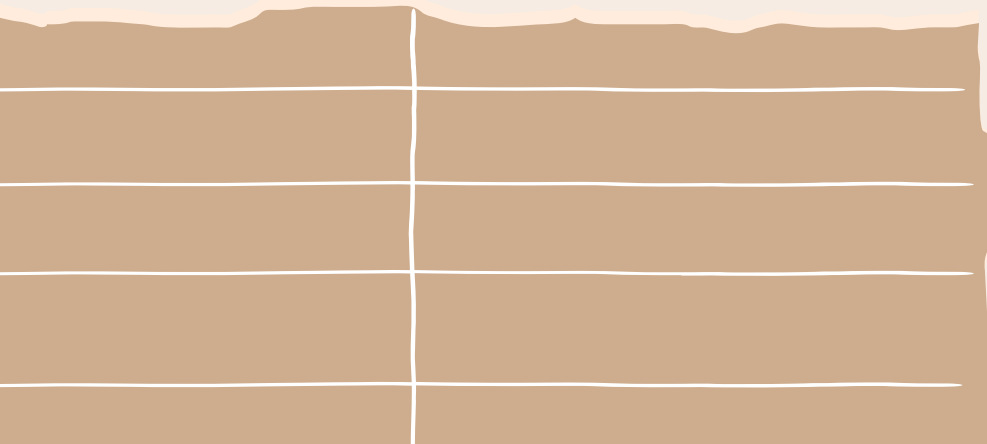
# PARA QUE SE USA ?

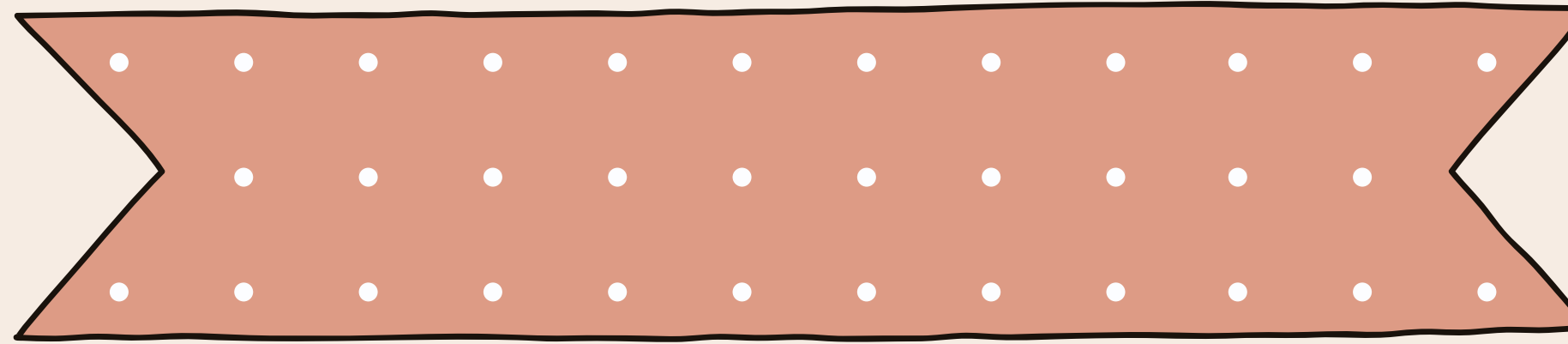
- \* Para poder \*deshacer cambios\*.
- \* Para \*guardar versiones anteriores\* de algo.
- \* Para restaurar algo tal como estaba antes.

```
products: storeProducts
}
render() {
  return (
    <React.Fragment>
      <div className="py-5">
        <div className="container">
          <Title name="our" title="product">
            <div className="row">
              <ProductConsumer>
                {(value) => {
                  console.log(value)
                }}
              </ProductConsumer>
            </div>
          </div>
        </div>
      </React.Fragment>
    )
  }
}
```

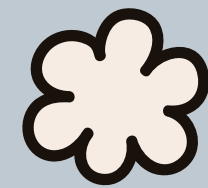


Originador (El que crea el estado  
Es el objeto que puede cambiar y  
quiere guardar su estado.

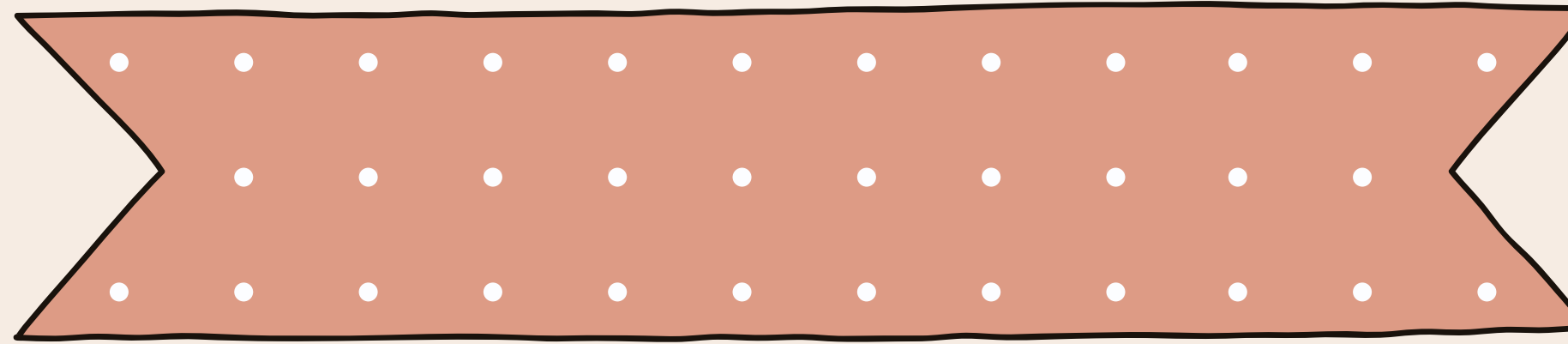




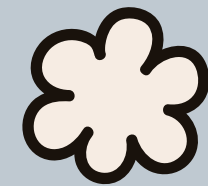
## Memento (El recuerdo)



Guarda el estado, pero nadie puede cambiarlo, solo el originador




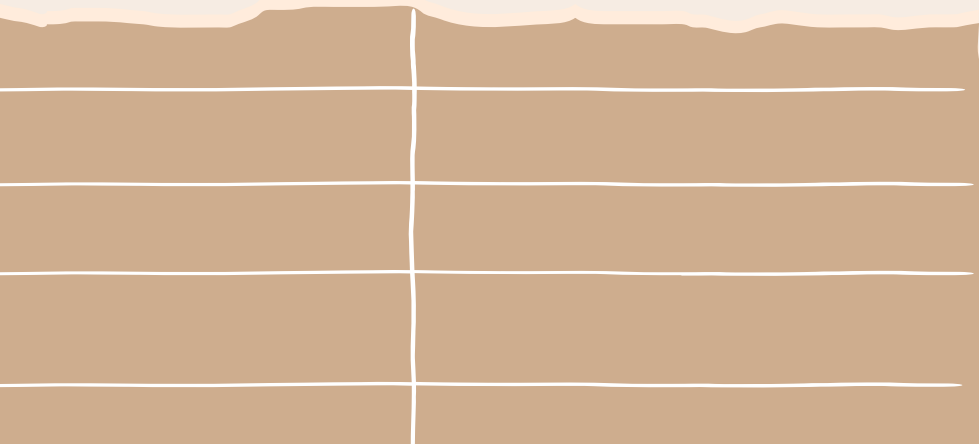
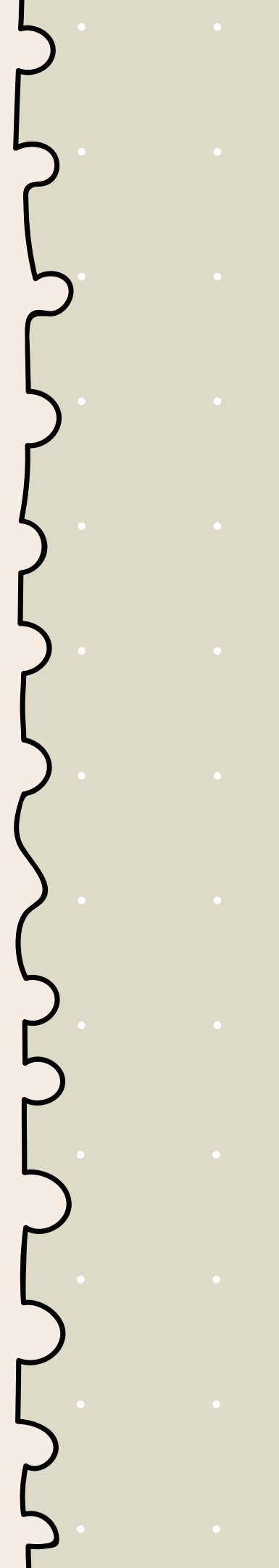
## Ventajas



- \* Permite deshacer sin dañar el objeto original.
- \* No rompe el encapsulamiento (o sea, no se mete donde no debe).
- \* Muy útil cuando hay que volver a un punto anterior



## Desventajas

- 
- \* \* Puede usar \*mucha memoria\* si se guardan muchos estados.
  - \* Hay que tener cuidado con cuántos mementos se guardan.
- 
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The image is a collage of various paper textures and colors. In the center is a white sheet of paper with a light gray grid pattern. The word "Gracias" is written in a large, bold, black serif font across the middle of this grid. To the left of the white grid paper is a piece of orange paper with a red grid pattern, which has a torn, wavy edge. To the right of the white grid paper is a piece of brown paper with horizontal white lines, also with a torn edge. There are two pieces of brown, torn-edge paper that look like tape or labels: one is at the top right corner of the white grid paper, and the other is at the bottom left corner. The entire composition is set against a light beige background.

**Gracias**