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Parte A: Props básicas (Padre -> Hijo):

The screenshot shows a browser window at `localhost:5173` displaying the text "Hello bros! my name is Klara". To the right is a code editor showing the following `App.jsx` code:

```
my-react-app > src > App.jsx > default
1 function ParentComponent() {
2     return <ChildComponent name="Klara" />
3 }
4
5 function ChildComponent(props) {
6     return <p>Hello bros! my name is {props.name}</p>
7 }
8
9 export default ParentComponent;
```

(Código y muestra de este, elaboracion propia)

Parte B: Pasar múltiples props:

The screenshot shows a browser window at `localhost:5173` displaying the following personal information:
Hello bros! my name is Cipriano
My age is 30
My occupation is Esclaviza a DAW2
My hobbies are: ApiLevantar

To the right is a code editor showing the following `App.jsx` code:

```
my-react-app > src > App.jsx > ParentComponent
1 function ParentComponent() {
2     return (
3         <ChildComponent
4             name="Cipriano"
5             age={30}
6             hobbies={['Api', 'Levantar']}
7             occupation="Esclaviza a DAW2"
8         />
9     )
10
11 function ChildComponent(props) {
12     return (
13         <div>
14             <p>Hello bros! my name is {props.name}</p>
15             <p>My age is {props.age}</p>
16             <p>My occupation is {props.occupation}</p>
17             <p>My hobbies are: {props.hobbies}</p>
18         </div>
19     )
20 }
21
22
23
24 export default ParentComponent;
```

(Código y muestra de este, elaboracion propia)

Parte C: Pasar funciones como props:

The screenshot shows a browser window at `localhost:5173` displaying the text "Pablo es cantidad de calvo.".

To the right is a code editor showing the following `App.jsx` code:

```
src > App.jsx > ...
1 function ParentComponent() {
2     function greetings() {
3         return "Pablo es cantidad de calvo."
4     }
5
6     return <ChildComponent greetings={greetings} />
7 }
8
9 function ChildComponent(props) {
10    return <p>{props.greetings()}</p>
11 }
12
13 export default ParentComponent;
```

(Código y muestra de este, elaboracion propia)

Parte D: Las props son inmutables:

The screenshot shows a browser window at `localhost:5173` displaying the text "Pablo es cantidad de calvo.".

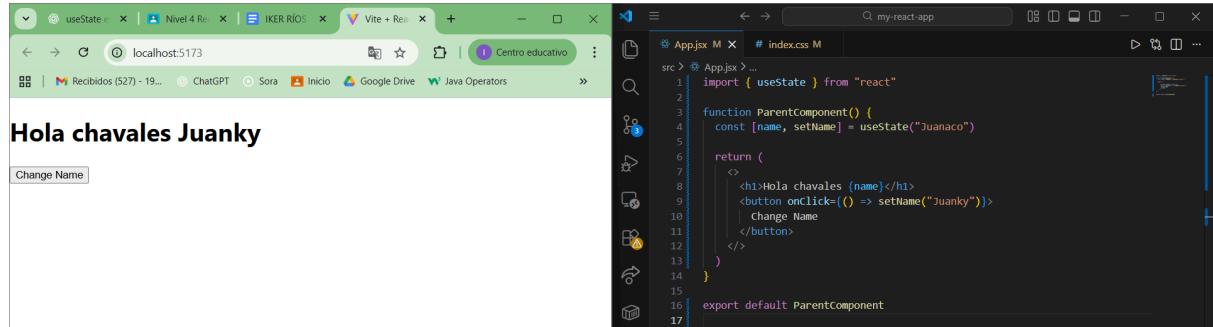
To the right is a code editor showing the following `App.jsx` code:

```
src > App.jsx > ChildComponent
1 function ParentComponent() {
2     function greetings() {
3         return "Pablo es cantidad de calvo."
4     }
5
6     return <ChildComponent greetings={greetings} />
7 }
8
9 function ChildComponent(props) {
10    props.name = "Pablo" // NO se permite
11    return <p>Hello profesora (guion guion)! my name is {props.name}</p>
12 }
13
14 export default ParentComponent;
```

No me sale error.

(Código y muestra de este, elaboracion propia)

Parte E: Estado con useState:

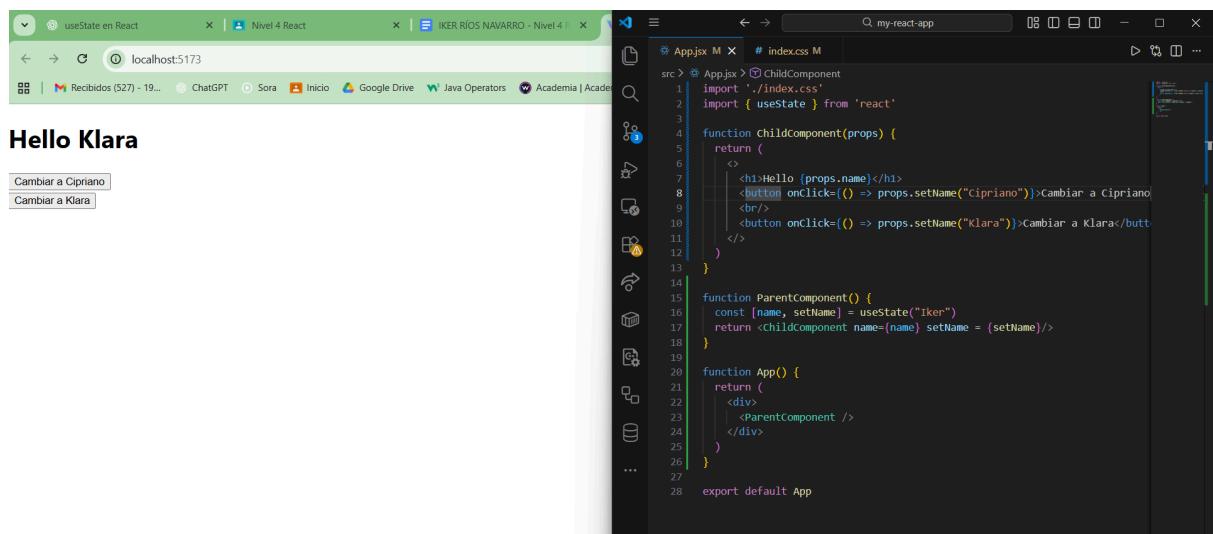


The screenshot shows a browser window at localhost:5173 displaying the text "Hola chavales Juanky". Below the browser is a code editor showing the following code:

```
src > @ App.jsx > ...
1 import { useState } from "react"
2
3 function ParentComponent() {
4   const [name, setName] = useState("Juanaco")
5
6   return (
7     <>
8       <h1>Hola chavales {name}</h1>
9       <button onClick={() => setName("Juanky")}>
10         | Change Name
11       </button>
12     </>
13   )
14 }
15
16 export default ParentComponent
```

(Código y muestra de este, elaboracion propia)

Parte F: Pasar estado y setState a un componente hijo:



The screenshot shows a browser window at localhost:5173 displaying the text "Hello Klara". Below the browser is a code editor showing two files: ChildComponent.js and App.js.

ChildComponent.js:

```
src > @ ChildComponent.js > ...
1 import './index.css'
2 import { useState } from 'react'
3
4 function ChildComponent(props) {
5   return (
6     <>
7       <h1>Hello {props.name}</h1>
8       <button onClick={() => props.setName("Cipriano")}>Cambiar a Cipriano
9       <br/>
10      <button onClick={() => props.setName("Klara")}>Cambiar a Klara</button>
11    </>
12  )
13}
```

App.js:

```
src > @ App.js > ...
15 function ParentComponent() {
16   const [name, setName] = useState("Iker")
17   return <ChildComponent name={name} setName={setName}/>
18 }
19
20 function App() {
21   return (
22     <div>
23       <ParentComponent />
24     </div>
25   )
26 }
27
28 export default App
```

(Código y muestra de este, elaboracion propia)

Parte G: Inspeccionar props y state con React DevTools:

