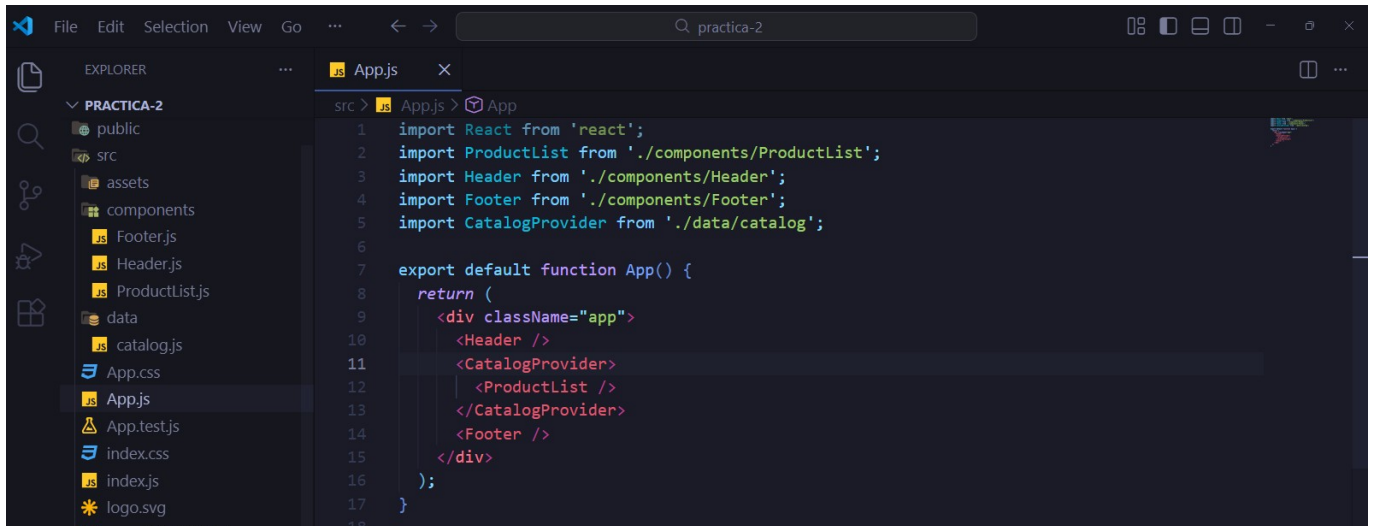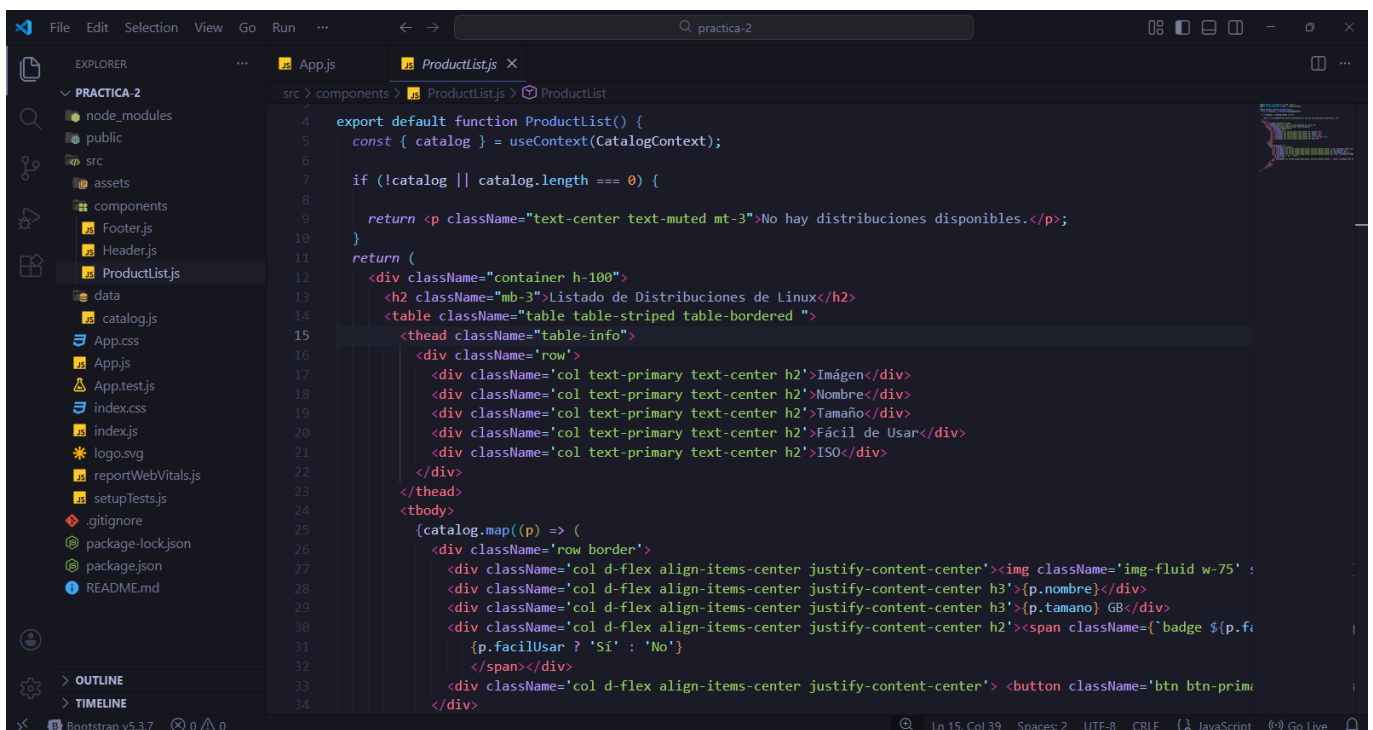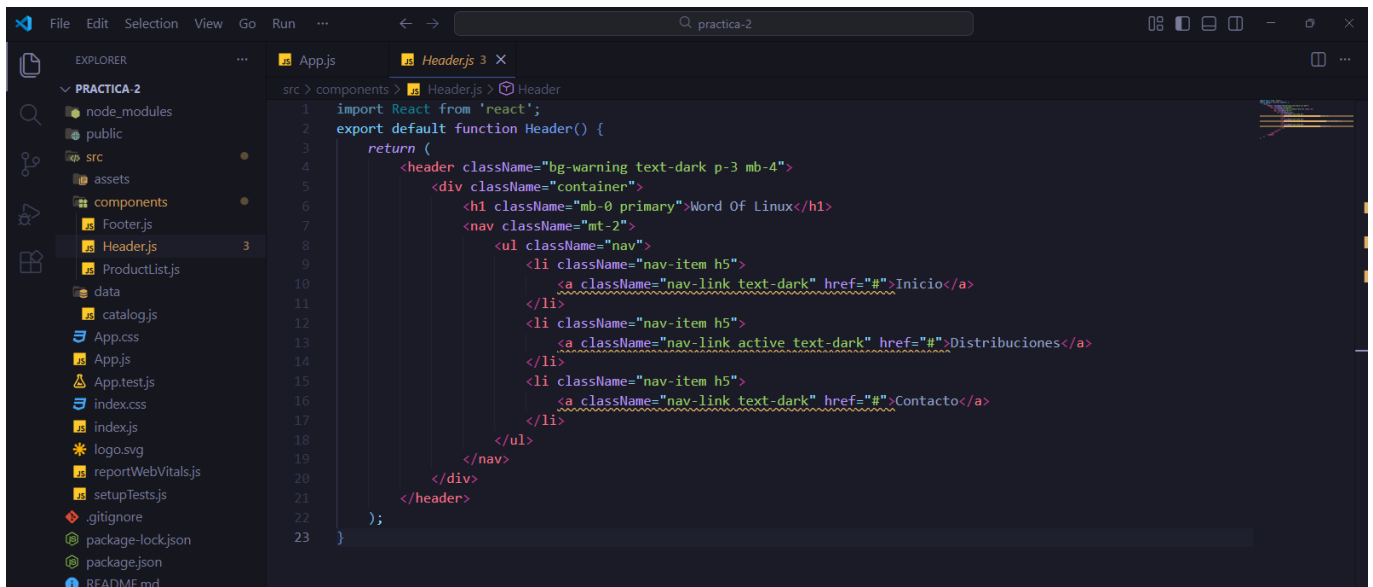# Práctica Guiada 2: Creación de Componentes con Bootstrap

**App.js**

```js
1   import React from 'react';
2   import ProductList from './components/ProductList';
3   import Header from './components/Header';
4   import Footer from './components/Footer';
5   import CatalogProvider from './data/catalog';
6
7   export default function App() {
8     return (
9       <div className="app">
10        <Header />
11        <CatalogProvider>
12          <ProductList />
13        </CatalogProvider>
14        <Footer />
15      </div>
16    );
17  }
18
```

**ProductList.js**

```js
4   export default function ProductList() {
5     const { catalog } = useContext(CatalogContext);
6
7     if (!catalog || catalog.length === 0) {
8
9       return <p className="text-center text-muted mt-3">No hay distribuciones disponibles.</p>;
10    }
11    return (
12      <div className="container h-100">
13        <h2 className="mb-3">Listado de Distribuciones de Linux</h2>
14        <table className="table table-striped table-bordered ">
15          <thead className="table-info">
16            <div className='row'>
17              <div className='col text-primary text-center h2'>Imágen</div>
18              <div className='col text-primary text-center h2'>Nombre</div>
19              <div className='col text-primary text-center h2'>Tamaño</div>
20              <div className='col text-primary text-center h2'>Fácil de Usar</div>
21              <div className='col text-primary text-center h2'>ISO</div>
22            </div>
23          </thead>
24          <tbody>
25            {catalog.map((p) => (
26              <div className='row border'>
27                <div className='col d-flex align-items-center justify-content-center'><img className='img-fluid w-75' s
28                <div className='col d-flex align-items-center justify-content-center h3'>{p.nombre}</div>
29                <div className='col d-flex align-items-center justify-content-center h3'>{p.tamano} GB</div>
30                <div className='col d-flex align-items-center justify-content-center h2'><span className={`badge ${p.fa
31                  {p.facilUsar ? 'Sí' : 'No'}
32                </span></div>
33                <div className='col d-flex align-items-center justify-content-center'> <button className='btn btn-prima
34              </div>
```

Bootstrap v5.3.7     ⊘ 0 ⚠ 0          Ln 15, Col 39    Spaces: 2    UTF-8    CRLF    JavaScript    Go Live

**Header.js**

```js
1   import React from 'react';
2   export default function Header() {
3     return (
4       <header className="bg-warning text-dark p-3 mb-4">
5         <div className="container">
6           <h1 className="mb-0 primary">Word Of Linux</h1>
7           <nav className="mt-2">
8             <ul className="nav">
9               <li className="nav-item h5">
10                <a className="nav-link text-dark" href="#">Inicio</a>
11              </li>
12              <li className="nav-item h5">
13                <a className="nav-link active text-dark" href="#">Distribuciones</a>
14              </li>
15              <li className="nav-item h5">
16                <a className="nav-link text-dark" href="#">Contacto</a>
17              </li>
18            </ul>
19          </nav>
20        </div>
21      </header>
22    );
23  }
```

Footer.js editor view:

```javascript
import React from 'react';
export default function Footer() {
    return (
        <footer className="bg-warning text-dark text-center p-3 mt-4">
            <div className="container">
                <p className="mb-0">© 2025 World Of Linux - Todos los derechos
                    reservados</p>
            </div>
        </footer>
    );
}
```

catalog.js editor view:

```javascript
import ubuntu from '../assets/ubuntu.png';
import arch from '../assets/arch.png';
import mint from '../assets/mint.png';
import popos from '../assets/popos.png';
import debian from '../assets/debian.png';
import fedora from '../assets/fedora.png';
import React, { createContext } from 'react';

export const CatalogContext = createContext();

const CatalogProvider = ({ children }) => {
  const catalog = [
    { imagen: ubuntu, nombre: 'Ubuntu', tamano: 25, facilUsar: true},
    { imagen: arch, nombre: 'Arch', tamano: 8, facilUsar: false},
    { imagen: debian, nombre: 'Debian', tamano: 10, facilUsar: false},
    { imagen: mint, nombre: 'Mint', tamano: 15, facilUsar: true},
    { imagen: fedora, nombre: 'Fedora', tamano: 10, facilUsar: false},
    { imagen: popos, nombre: 'Pop!_OS', tamano: 16, facilUsar: true}
  ];
  return (
    <CatalogContext.Provider value={{ catalog }}>
      {children}
    </CatalogContext.Provider>
  );
};

export default CatalogProvider;
```

Browser view — PRODUCTOS INFORMÁTICOS (localhost:3000/#)

**Word Of Linux**

Inicio   Distribuciones   Contacto

Listado de Distribuciones de Linux

| Imágen | Nombre | Tamaño | Fácil de Usar | ISO |
|--------|--------|--------|---------------|-----|
|  | Ubuntu | 25 GB | Sí | Descargar |
|  | Arch | 8 GB | No | Descargar |
|  | Debian | 10 GB | No | Descargar |
|  | Mint | 15 GB | Sí | Descargar |
|  | Fedora | 10 GB | No | Descargar |
|  | Pop!_OS | 16 GB | Sí | Descargar |

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