

```
... js buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
```

SBD01: **Trịnh Bình Minh**:Koi The Cafe

SBD02: **Nguyễn Ngọc Nguyễn** Bobapop

SBD03: **Huỳnh Hữu Lộc**: starbuck

SBD04: **Nguyễn Quang Vinh** :Gong Cha.

SBD05: **Nguyễn Ngọc Nguyễn**Koi The Cafe

SBD06: **Phan Thanh Nhân** Bobapop

SBD07: **Hà Lâm Hùng** starbuck

SBD08: **Lê Hoàng Phi** Gong Cha.

SBD09: **Nguyễn Anh Tuấn** Koi The Cafe

SBD10: **Nguyễn Thanh Khương** Bobapop

```
... js buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
```

<https://github.com/ngoctan1234/projectFrontend.git>

Tại sao phi điều và ve sầu không đến được với nhau?

[\[Vietsub+Tiktok\] Phi Điều Và Ve Sầu - Nhâm Nhiên](#)
[| 飞鸟和蝉 - 任然 | Nhạc Hoa tâm trạng](#)
[\(youtube.com\)](#)

```
... js buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
```

Phi điều và ve sầu là 2 hình ảnh ẩn dụ chỉ 2 người yêu nhau nhưng không thể đến được với nhau. Nếu phi điều thường bay về phương Nam mỗi khi mùa hạ qua đi thì ve sầu lại luôn ở lại với mùa hạ để chờ ngày lột xác, trở thành một phiên bản đẹp nhất của mình.

Tuy nhiên, trong khoảnh khắc lột xác đẹp nhất của cuộc đời ve sầu, phi điều không thể thấy được vì đã bay đến một phương trời khác. Bài hát có nhắc đến chi tiết “mùa thứ 5” và “tháng mười ba” là thời điểm gặp lại như đã hẹn. Nhưng thực tế chỉ có 12 tháng và 4 mùa nên điều này có thể được hiểu là phi điều và ve sầu không bao giờ có thể gặp được nhau, tựa như hai đường thẳng song song.

Vậy mà anh lại chẳng kịp nhìn lấy một lần

```
... js buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
bui3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
```

Bài tập: Hãy giúp phi điều và ve sầu được gặp nhau thông qua useContext

- Trong React, **Context** cung cấp một cách để truyền dữ liệu qua cây component mà không cần phải truyền props xuống từng cấp. Điều này rất hữu ích khi bạn cần chia sẻ dữ liệu hoặc trạng thái giữa nhiều component mà không muốn truyền props qua từng cấp.
- Cách cài đặt: slide trang 60

buoi3 > src > components > header > JS Header.js > Header

```
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
```

File Edit Selection View Go Run Terminal Help

EXPLORER

- REACTJS1
 - buoi2
 - src
 - JS App.js
 - JS index.js
 - JS Product.js
 - Screenshot_1.png
 - .gitignore
 - package-lock.json
 - package.json
 - README.md
 - buoi3
 - node_modules
 - public
 - src
 - components
 - footer
 - footer.css
 - Footer.js
 - header
 - notFound
 - product
 - products
 - pages
 - App.js
 - AppContext.js
 - index.js
 - style.css

buoi3 > src > JS AppContext.js > ...

```
1 import { createContext, useState } from 'react'
2 export const AppContext=createContext({})
3 export const AppProvider=({children})=>{
4   const [count,setCount]=useState(1)
5
6   return <AppContext.Provider value={{count,setCount}}>
7     {children}
8   </AppContext.Provider>
9 }
10
11
```

The screenshot shows the VS Code editor with the following files open in the Explorer:

- buoi3**
 - src**
 - components**
 - header**
 - Header.js** (Active)

The **Header.js** file contains the following code:

```

1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...

```

The **App.js** file contains the following code:

```

1 import { Home } from './pages/home/home';
2 import { NotFound } from './components/notFound/NotFound';
3 import Product from './pages/product/Product';
4 import Register from './pages/register/Register';
5 import ProductDetail from './pages/productDetail/ProductDetail';
6 import './style.css'
7 import { AppProvider } from './AppContext';
8 function App() {
9   return (
10     <div>
11       <AppProvider>
12         <Router>
13           <Routes>
14             <Route index element={Home /></Route>
15             <Route path="/product" element={Product /></Route>
16             <Route path="/detail/:id" element={ProductDetail /></Route>
17             <Route path="/register" element={Register /></Route>
18             <Route path="/" element={NotFound /></Route>
19           </Routes>
20         </Router>
21       </AppProvider>
22     </div>
23   );
24 }
25
26 export default App;

```

The image shows a VS Code editor with two files open: `Header.js` and `Footer.js`. The `Header.js` file is in the `src > components > header` directory and uses `reactstrap` for a navbar. The `Footer.js` file is in the `src > components > footer` directory and uses `reactstrap` for a footer. The Explorer sidebar on the left shows the project structure, including `buoi3` and its subdirectories.

```
buoi3 > src > components > header > JS Header.js > Header
1  import React, { useContext, useState } from 'react'
2  import { Link } from 'react-router-dom';
3  import {
4    Collapse,
5    Navbar,
6    NavbarToggler,
7    NavbarBrand,
8    Nav,
9    NavItem,
10   NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
26       </Navbar>
27     </div>
28   );
29 }
```

```
buoi3 > src > components > footer > JS Footer.js > Footer
1  import React, { useContext } from 'react'
2  import { AppContext } from '../AppContext'
3  import { Button } from 'reactstrap';
4
5  export default function Footer() {
6    const {count,setCount}=useContext(AppContext);
7    return (
8      <div>
9        <h1>Count: {count}</h1>
10        <Button onClick={()=>setCount(count+1)}>Count up</Button>
11        footer
12      </div>
13    );
14  }
15 }
```

[SweetAlert2](#) - a beautiful, responsive, customizable and accessible (WAI-ARIA) replacement for JavaScript's popup boxes

```
... JS buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js

buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...

buoi3 > src > components > product > JS Product.js > Product
1 import React, { useContext } from 'react'
2 import { Link } from 'react-router-dom'
3 import { Button, Card, CardBody, CardSubtitle, CardText, Col, CardTitle } from 'reactstrap'
4 import { AppContext } from '../AppContext'
5 import Swal from 'sweetalert2'
6 export default function Product(props) {
7   const { product } = props
8   const {addCart}=useContext(AppContext)
9   const handle_add=(id)=>{
10     Swal.fire({
11       title: "Add successful!",
12       text: "yeah",
13       icon: "success"
14     });
15     addCart(id);
16   }
17   return (
18     <Col lg={3} md={4} sm={6} xs={6} className='' >
19       <Card>
20         <CardBody>
21           <CardTitle tag="h5">
22             Card title
23           </CardTitle>
24           <CardSubtitle
25             className="mb-2 text-muted"
26             tag="h6">
27             Card subtitle
28           </CardSubtitle>
29           <CardText>
30             <h1>product</h1>
31             <p>Info: {product.name}</p>
32             <Link to={`/detail/${product.id}`}>Chi tiết sản phẩm</Link>
33           </CardText>
34           <Button onClick={()=>handle_add(product.id)}>
35             Add cart
36           </Button>
37         </CardBody>
38       </Card>
39     </Col>
40   )
41 }
42
43
```



```
... JS buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25       <Collapse isOpen={!collapsed} navbar> ...
26     </div>
27   )
28 }

JS App.js buoi3\... JS AppContext.js X # style.css buoi3\... JS Register.js JS Product.js ...\pages\... JS Pr
buoi3 > src > JS AppContext.js > AppProvider > addCart
1 import { createContext, useEffect, useState } from 'react'
2 import axios from 'axios'
3 export const AppContext=createContext({})
4
5 export const AppProvider=({children})=>{
6   const [count,setCount]=useState(1)
7
8   const [products,setProducts]=useState([])
9   useEffect(()=>{
10     fetchProducts();
11   },[])
12   const [cart,setCart]=useState([])
13   const url="https://66a077917053166bcabb8106.mockapi.io/student"
14   const fetchProducts =()=>{
15     axios.get(url)
16       .then(function(res){
17         setProducts(res.data)
18       })
19       .catch(function(error){
20         console.log(error)
21       })
22   }
23   const addCart=(id)=>{
24     const res=products.find(item=>item.id===id)
25
26     setCart([...cart,res])
27   }
28   return <AppContext.Provider value={{count,setCount,card,addCart}}>
29     {children}
30   </AppContext.Provider>
31 </AppProvider>
32
33
```

```

js buoi3\... JS Register.js JS Product.js ...pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...

```

```
... js buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
bui3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return <
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
26       </Navbar>
27     </div>
28   </return>
29 }
```



Tôi thấy code reactjs cũng khá nhàn

```
js buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...
```

```
AppContext.js # style.css buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js JS Header.js JS Cart.js JS Pro
buoi3 > src > components > cart > JS Cart.js > Cart > cart.map() callback
1 import React, { useContext } from 'react'
2 import { Button, Container, Table } from 'reactstrap'
3 import { AppContext } from '../../AppContext'
4
5 export default function Cart() {
6   const { cart,deleteCart,updateById } = useContext(AppContext)
7   return (
8     <div>
9       <Container>
10        <Table hover>
11          <thead>
12            <tr>
13              <th>
14                id
15              </th>
16              <th>
17                Name
18              </th>
19              <th>
20                quantity
21              </th>
22              <th>
23                action
24              </th>
25            </tr>
26          </thead>
27          <tbody>
28            {
29              cart.map((item, index) => (
30                <tr>
31                  <td scope="row">
32                    {item.id}
33                  </td>
34                  <td>
35                    {item.name}
36                  </td>
37                  <td>
38                    <Button onClick={()=>updateById(item.id,0)}>-</Button>
39                    <span>{item.quantity}</span>
40                    <Button onClick={()=>updateById(item.id,1)}>+</Button>
41                  </td>
42                  <td>
43                    <Button className='btn btn-danger' onClick={()=>deleteCart(item.id)}>Delete</Button>
44                  </td>
45                </tr>
46              ))
47            }
48          </tbody>
49        </Table>
50      </Container>
51    </div>
52  )
53 }
54
```

```

js buoi3\... JS Register.js JS Product.js ...pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25         <Collapse isOpen={!collapsed} navbar> ...

```

```
js buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25       <Collapse isOpen={!collapsed} navbar> ...
```

```
JS AppContext.js X # style.css buoi3\... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
buoi3 > src > JS AppContext.js > AppProvider > updateById
1 import { createContext, useEffect, useState } from 'react'
2 import axios from 'axios'
3 export const AppContext=createContext({})
4
5 export const AppProvider=({children})=>{
6   const [count,setCount]=useState(1)
7
8   const [products,setProducts]=useState([])
9   useEffect(()=>{
10     fetchProducts();
11   },[])
12   const [cart,setCart]=useState([])
13   const url="https://66a077917053166bcabb8106.mockapi.io/student "
14   const fetchProducts =()=>{
15     axios.get(url)
16       .then(function(res){
17         setProducts(res.data)
18       })
19     .catch(function(error){
20       console.log(error)
21     })
22   }
23   const addCart=(id)=>{//id=6
24     const res=products.find(item=>item.id===id)
25     const index=cart.findIndex(item=>item.id===id)
26     console.log(index)
27     // cart=[{id:2,name:"iphone 15 pro max",quantity:1},{id:6,name:"Vivo v25 pro 5g",quantity:1}]
28     if(index>=0){//trường hợp id này ( sản phẩm này) đã tồn tại trong cart
29       //cart=[{id:2,name:"iphone 15 pro max",quantity:1},{id:6,name:"Vivo v25 pro 5g",quantity:2}]
30       let newCart=cart
31       newCart[index].quantity++;
32       setCart(newCart)
33     }
34     else{
35       setCart([...cart,{...res,quantity:1}])
36     }
37   }
38   const deleteCart=(id)=>{
39     setCart(cart.filter(item=>item.id !==id))
40   }
41   const updateById=(id,flag)=>{
42     let index=cart.findIndex(item=>item.id===id)
43     let newCart=cart;
44     if(flag==0){
45       if(newCart[index].quantity>1){
46         newCart[index].quantity--;
47       }
48     }
49     else{
50       newCart[index].quantity++;
51     }
52   }
53 }
```

```
... JS Register.js JS Product.js ...\pages\... JS ProductDetail.js # footer.css JS Footer.js
bui3 > src > components > header > JS Header.js > Header
1 import React, { useContext, useState } from 'react'
2 import { Link } from 'react-router-dom';
3 import {
4   Collapse,
5   Navbar,
6   NavbarToggler,
7   NavbarBrand,
8   Nav,
9   NavItem,
10  NavLink,
11 } from 'reactstrap';
12 import { AppContext } from '../AppContext';
13 export default function Header() {
14   const [collapsed, setCollapsed] = useState(true);
15
16   const toggleNavbar = () => setCollapsed(!collapsed);
17   const {cart}=useContext(AppContext)
18   return (
19     <div>
20       <Navbar color="faded" light expand="md">
21         <NavbarBrand href="/" className="me-auto">
22           reactstrap
23         </NavbarBrand>
24         <NavbarToggler onClick={toggleNavbar} className="me-2" />
25       <Collapse isOpen={!collapsed} navbar> ...
```

```
const deleteCart=(id)=>{
  setCart(cart.filter(item=>item.id !==id))
}
const updateById=(id,flag)=>{
  let index=cart.findIndex(item=>item.id===id)
  let newCart=cart;
  if(flag===-1){
    if(newCart[index].quantity>1){
      newCart[index].quantity--;
    }
  }
  else{
    newCart[index].quantity++;
  }
  setCart([...newCart])
}
const updateById=(id,num)=>{
  const kq=cart.map((item)=>(item.id===id&& !(num===-1&& item["quantity"]===1))?.{...item,quantity:item["quantity"]+num}:item)
  setCart(kq)
}
return <AppContext.Provider value={{count,setCount,can,addCart,deleteCart,updateById}}>
  {children}
</AppContext.Provider>
```