src\conponents\Nav.js

```
1   import React from "react";
2   import PropTypes from "prop-types";
3   import {Link} from 'react-router-dom'
4
5
6   export default function Nav(props) {
7     return (
8       <>
9
10
11
12        {/* * here including navabar in main page .  */}
13
14        <nav
15          className={`navbar navbar-expand-lg navbar-${props.mode} bg-${props.mode} `}
16        >
17          <div className="container-fluid">
18            <a className="navbar-brand" href="#">
19              {props.title}
20              {/* here,we using (props),here passing value from app.js file by using props.
    */}
21            </a>{" "}
22            <button
23              className="navbar-toggler"
24              type="button"
25              data-bs-toggle="collapse"
26              data-bs-target="#navbarSupportedContent"
27              aria-controls="navbarSupportedContent"
28              aria-expanded="false"
29              aria-label="Toggle navigation"
30            >
31              <span className="navbar-toggler-icon"></span>
32            </button>
33            <div className="collapse navbar-collapse" id="navbarSupportedContent">
34              <ul className="navbar-nav me-auto mb-2 mb-lg-0">
35
36
37
38                <li className="nav-item">
39                  <Link
40                    className="nav-link active"
41                    aria-current="page"
42                    to="/"
43                  >
44                    Home
45                  </Link>
46                </li>
47
48
49                <li className="nav-item">
50                  <Link className="nav-link" to="/about">
51                    About
52                  </Link>
53                </li>
54              </ul>
55
```

```jsx
56              {/* toggle button */}
57              <div
58                className={`form-check form-switch text-${
59                  props.mode === "white" ? "dark" : "white"
60                }`}
61              >
62                <input
63                  className="form-check-input"
64                  type="checkbox"
65                  role="switch"
66                  id="flexSwitchCheckDefault"
67                  onClick={props.toggleMode}
68                />
69                <label class="form-check-label mx-1" for="flexSwitchCheckDefault">
70                  dark
71                </label>
72              </div>
73
74              <form className="d-flex">
75                <input
76                  className="form-control me-2"
77                  type="search"
78                  placeholder="Search"
79                  aria-
80                  label="Search"
81                />
82
83                <button className="btn btn-outline-success" type="submit">
84                  Search
85                </button>
86              </form>
87            </div>
88          </div>
89        </nav>
90
91
92
93      </>
94    );
95  }
96
97
98  Nav.propTypes = {
99    title: PropTypes.string.isRequired,
100   // * PropTypes checking the types of passing value type are matching with types
     condision are not
101   // *isRequired considered that anyhow you pass the value ,you can leave that props
     without passing value
102  };
103
104  Nav.defaultProps = {
105    title: "enter title here",
106   // *when you not passing any value in props then defaultProps pass own value provided by
     programmer default.
107  };
108
```