

Navbar.js

```
import React from 'react';
import PropTypes from 'prop-types';

export default function Navbar(props) {
  return (
    <nav className="navbar navbar-expand-lg navbar-dark bg-dark">
      <a className="navbar-brand" href="/">{props.title}</a>
      <button className="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"
aria-expanded="false" aria-label="Toggle navigation">
        <span className="navbar-toggler-icon"></span>
      </button>

      <div className="collapse navbar-collapse" id="navbarSupportedContent">
        <ul className="navbar-nav mr-auto">
          <li className="nav-item">
            <a className="nav-link" href="/">{props.about}</a>
          </li>
        </ul>

        <form className="form-inline my-2 my-lg-0 flex-form" >
          <input className="form-control mr-sm-2" type="search"
placeholder="Search" aria-label="Search"/>
          <button className="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
        </form>
      </div>
    </nav>
  );
}
```

```
Navbar.propTypes = {
  title: PropTypes.string.isRequired,
  about: PropTypes.string.isRequired ,
};
```

```
Navbar.defaultProps = {
  title: "set title",
  about: "set about",
};
```

Textform.js

```

import React, { useState } from 'react';

export default function Textform(props) {
  const handleClick = () => {
    console.log("uppercase was clicked");
    let newText = text.toUpperCase();
    setText(newText);
  };

  const handleChange = (event) => {
    console.log("on change");
    setText(event.target.value); // Corrected the handling of onChange
event
  };

  const handleOnClear = (event) => {
    console.log("on change");
    let text="";
    setText(text) // Corrected the handling of onChange event
  };

  const handleUpSmall = (event) => {
    console.log("on change");
    let tex=text.toLowerCase();
    setText(tex) // Corrected the handling of onChange event
  };

  const [text, setText] = useState("enter text here");

  return (
    <div>
      <h1>{props.heading}</h1>
      <div className="form-group">
        <textarea
          className="form-control"
          value={text}
          onChange={handleChange}
          id="mybox"
          rows="8"
        ></textarea>
      </div>
      <button className="btn btn-primary btn-box"
onClick={handleUpClick}>
        Convert to Uppercase
      </button>
      <button className="btn btn-primary btn-box"
onClick={handleOnClear}>
        Clear the text
      </button>
    </div>
  );
}

```

```

        <button className="btn btn-primary btn-box"
onClick={handleUpSmall}>
            Convert to Lowercase
        </button>
        <div className='container'>
            <h2>Text Summary</h2>
            <p>Text contains {text.split(" ").length}words and
{text.length} characters</p>
            <p>Average Time Taken to Read the Text is {0.008*text.split("
").length} Minutes to read</p>
        </div>
    </div>
    );
}

```

App.js

```

import './App.css';
import React from 'react'
import Navbar from './components/navbar';
import About from './components/about'
import Textform from './components/textform';
function App() {
    return (
        <>
        <Navbar/>
        <div className="container">
            <Textform heading="enter text to analyze"/>
        </div>
        </>
    );
}

export default App;

```



