First interarction:

```
import React, { Component } from 'react';

//import Area from './components/Area';

//import Parameter from './components/Parameter';


class Header extends React.Component {
  constructor(props) {
    super(props);


    this.state = {
      searchVisible: false
    }
  }


  // toggle visibility when run on the state
  showSearch() {
   this.setState({
      searchVisible: !this.state.searchVisible
    })
  }


  render() {
    // Classes to add to the <input /> element
```

```jsx
let searchInputClasses = ["searchInput"];


// Update the class array if the state is visible

if (this.state.searchVisible) {

  searchInputClasses.push("active");

}


return (

  <div className="header">

    <div className="menuIcon">

      <div className="dashTop"></div>

      <div className="dashBottom"></div>

      <div className="circle"></div>

    </div>


    <span className="title">

      {this.props.title}

    </span>


    <input

      type="text"

      className={searchInputClasses.join(' ')}

      placeholder="Search ..." />
```

```
        {/* Adding an onClick handler to call the showSearch button */}

        <div

          onClick={this.showSearch.bind(this)}

          className="fa fa-search searchIcon"></div>

      </div>

    )

  }

}

export default Header;
```