# Module Two

## Quin'darius Lyles-Woods

Link to all assignments: <http://studentweb.kennesaw.edu/~qlyleswo/>

### Scripts Programs

Using React to create programs that do a variety of actions.

##### Square.js

import { Heading } from "@chakra-ui/react";  
import {  
 NumberInput,  
 NumberInputField,  
 NumberInputStepper,  
 NumberIncrementStepper,  
 Text,  
 NumberDecrementStepper,  
} from "@chakra-ui/react";  
import { useState } from "react";  
  
export function Square() {  
 const [snumber, setsnumber] = useState(0);  
 const handleChange = (value) => setsnumber(value);  
 return (  
 <div>  
 <Heading color="white">Square Numbers</Heading>  
 <NumberInput  
 colorScheme="whiteAlpha"  
 value={snumber}  
 onChange={handleChange}  
 >  
 <NumberInputField color="white" />  
 <NumberInputStepper color="white">  
 <NumberIncrementStepper />  
 <NumberDecrementStepper />  
 </NumberInputStepper>  
 </NumberInput>  
 <Text color="white">  
 The result of squaring the number {snumber} is {snumber \* snumber}.  
 </Text>  
 </div>  
 );  
}

##### FixStart.js

import { Heading } from "@chakra-ui/react";  
import { Input, Text } from "@chakra-ui/react";  
import { useState } from "react";  
  
export function FixStart() {  
 const [start, setstart] = useState("");  
 const [newstart, setnewstart] = useState(start);  
  
 function handleStart(value) {  
 setstart(value);  
 const newString = value.replaceAll(value.charAt(0), "\*");  
 setnewstart(newString.replace("\*", value.charAt(0)));  
 }  
 return (  
 <div>  
 <Heading color="white">Fix Start</Heading>  
 <Input  
 color="white"  
 value={start}  
 onChange={(e) => handleStart(e.target.value)}  
 />  
 <Text color="white">The Word is now: {newstart}</Text>  
 </div>  
 );  
}

##### NotBad.js

import { Heading, Input, Text, Button } from "@chakra-ui/react";  
import { useState } from "react";  
import { Link } from "react-router-dom";  
  
export function NotBad() {  
 const [notbad, setnotbad] = useState("");  
 const [newnotbad, setnewnotbad] = useState(notbad);  
  
 function handleNotBad(value) {  
 setnotbad(value);  
 const newString = value.replaceAll(value);  
 if (value.includes("bad")) {  
 setnewnotbad(  
 notbad.slice(0, notbad.search(/not/)) +  
 " good " +  
 notbad.slice(notbad.search(/bad/) + 3, notbad.length)  
 );  
 }  
 }  
 return (  
 <div>  
 <Heading color="white">Not Bad</Heading>  
 <Input  
 color="white"  
 value={notbad}  
 onChange={(e) => handleNotBad(e.target.value)}  
 />  
 <Text color="white">The new sentence is: {newnotbad}</Text>  
 <Link to="/home">  
 <Button m="10">Back to home</Button>  
 </Link>  
 </div>  
 );  
}