

SOURCE CODE :

//app.js

```
import logo from './logo.svg';
import './App.css';

import { BrowserRouter, Route, Routes } from 'react-router-dom';
import Firstpage from './components/firstpage/firstpage';

import 'bootstrap/dist/css/bootstrap.min.css'
import 'bootstrap/dist/js/bootstrap.min.js'
import Secondpage from './components/secondpage/secondpage';

function App() {
  return (
    <>
    <BrowserRouter>
    <Routes>
      <Route path="/" element={ [<Firstpage/> ] } />
      <Route path="/secondpage" element={ [<Secondpage/> ] } />
    </Routes>
    </BrowserRouter>
  </>
  );
}

export default App;
```

//firstpage.js

```
import React from "react";
import './firstpage.css'
import { Link } from "react-router-dom";

function Firstpage(){
  const getUsername = () => {
    var userName = document.getElementById("textBox1").value;
    localStorage.setItem('getUserName',userName);
  }
}
```

```

    return(
      <>
        <div className="container-fluid maindivfirstpage text-center">

          <h1 className="text-white">Sports Quiz</h1>
          <input className="inputfield pt-2" type="text" id="textBox1"
placeholder="Enter Your Username"/><br/>
          <Link to="/secondpage"><button type="button" onClick={getusername}
className="btn rounded-pill col-lg-1 col-4 col-md-4 buttonfirstpage
pt-2">START</button></Link>

        </div>
      </>
    );
  }
}
export default Firstpage

```

Firstpage.css

```

.maindivfirstpage{
background-color: rgb(18, 18, 71);
min-height: 100vh;
padding-top: 255px;
}
.buttonfirstpage{
  background-color: rgb(234, 64, 34)!important;
  color: white!important;
}
.inputfield{
  border: none;
  outline: none;
  border-bottom: 1px solid white;
  color: white;
  background-color: rgb(18, 18, 71);
}

```

```
.inputfield::placeholder{
  color: white;
}
```

Secondpage.js

```
import React, { useState } from 'react';
import './secondpage.css'

function Secondpage() {

  //JSON creation
  const questions = [

    {
      questionText: 'Which country hosted the 2018 FIFA World Cup?',
      answerOptions: [
        { answerText: 'Russia', isCorrect: true },
        { answerText: 'Saudi Arabia', isCorrect: false },
        { answerText: 'US', isCorrect: false },
        { answerText: 'India', isCorrect: false },
      ],
    },
    {
      questionText: 'Who won the 2015 Formula 1 World
Championship?',
      answerOptions: [
        { answerText: 'Nico Rosberg', isCorrect: false },
        { answerText: 'Sebastian Vettel', isCorrect: false },
        { answerText: 'Lewis Hamilton', isCorrect: true },
        { answerText: 'Jenson Button', isCorrect: false },
      ],
    },
    {
      questionText: 'Who won the 2011 Cricket World Cup?',
      answerOptions: [
```

```

        { answerText: 'Pakistan', isCorrect: false },
        { answerText: 'Sri Lanka', isCorrect: false },
        { answerText: 'New Zealand', isCorrect: false },
        { answerText: 'India', isCorrect: true },
    ],
},

```

```

{
    questionText: 'Who won the UEFA Champions League in 2019?',
    answerOptions: [
        { answerText: 'Real Madrid', isCorrect: false },
        { answerText: 'Liverpool', isCorrect: true },
        { answerText: 'Barcelona', isCorrect: false },
        { answerText: 'Tottenham', isCorrect: false },
    ],
},
{
    questionText: 'Which player holds the NHL record of 2,857
points?',
    answerOptions: [
        { answerText: 'Sidney Crosby', isCorrect: false },
        { answerText: 'Mario Lemieux', isCorrect: false },
        { answerText: 'Gordie Howe', isCorrect: false },
        { answerText: 'Wayne Gretzky', isCorrect: true },
    ],
}
];

const getUsername = localStorage.getItem("getUsername");
const [currentQuestion, setCurrentQuestion] = useState(0);
const [showScore, setShowScore] = useState(false);
const [score, setScore] = useState(0);

```

```
const handleAnswerOptionClick = (isCorrect) => {
  if (isCorrect) {
    setScore(score +10);
  }

  const nextQuestion = currentQuestion + 1;

  if (nextQuestion < questions.length) {
    setCurrentQuestion(nextQuestion);
  } else {

    setShowScore(true);
  }
};

const correctAnswers = [];
```

```
for (const question of questions) {
  const { answerOptions } = question;

  for (const answer of answerOptions) {
    if (answer.isCorrect) {
      correctAnswers.push(answer.answerText);
      break; // Assuming only one correct answer per question
    }
  }
}

console.log('Correct Answers:', correctAnswers);
var questno = 1;
return (
  <>
```

```

    <div className='app text-white ml-auto mr-auto container-fluid'>
      {showScore ? (
        <div className='score-section'>
          <p className='font-weight-bold'>Welldone {getUserName}
You scored {score} out of {50}</p>
          <h1 className='font-weight-bold'>Review</h1>

          <div className='review-section'>
            {questions.map((value,index) => (
              <>
                <p className=' mr-auto ml-auto
reviewquestions'>{questno++}.{value.questionText}</p>

              </>

            ) ) }
            <h2>Answers</h2>
            <li className='mr-auto
ml-auto'>{correctAnswers[0]}</li>
            <li className='mr-auto
ml-auto'>{correctAnswers[1]}</li>
            <li className='mr-auto
ml-auto'>{correctAnswers[2]}</li>
            <li className='mr-auto
ml-auto'>{correctAnswers[3]}</li>
            <li className='mr-auto
ml-auto'>{correctAnswers[4]}</li>
          </div>

        </div>

      ) : (
        <>
          <div className='question-section'>

```

```

        <div className='question-count'>
            <span>Question {currentQuestion +
1}</span>/{questions.length}
        </div>
        <div className='question-text'>
            <h4
className='text-center'>{questions[currentQuestion].questionText}</h4>
        </div>
    </div>
    <div className='answer-section'>

{questions[currentQuestion].answerOptions.map((answerOption) => (

        <button className='col-lg-6 mr-auto ml-auto'
onClick={ () =>
handleAnswerOptionClick(answerOption.isCorrect)}>{answerOption.answerText}
</button>

        ))}
    </div>
</>
    )}
</div>

</>
);
}
export default Secondpage

```

Secondpage.css

```

.app {
    background-color: rgb(18,18,71);
    min-height: 100vh;
    padding: 20px;

}

```

```
.maindivquiz{ background-color:
  rgb(18,18,71);
}
```

```
.score-section {

  font-size: 24px;
  align-items: center;
}
```

```
/* QUESTION/TIMER/LEFT SECTION */
.question-section {
  width: 100%;
  position: relative;
}
```

```
.question-count {
  margin-bottom: 20px;
}
```

```
.question-count span {
  font-size: 28px;
}
```

```
.question-text {
  margin-bottom: 12px;
}
```

```
.timer-text { background:
  rgb(230, 153, 12);

  padding: 15px;
  margin-top: 20px;
  margin-right: 20px;
```

```
border: 5px solid rgb(255, 189, 67);
```



```
border-radius: 15px;
text-align: center;
}

/* ANSWERS/RIGHT SECTION */
.answer-section {
width: 100%;
display: flex;
flex-direction: column;
justify-content: space-between; padding-
top: 50px;
}

button {
width: 100%;
font-size: 16px;
color: #ffffff; background-
color: #252d4a;

border-radius: 15px;
display: flex;
padding: 5px;
justify-content: flex-start;
align-items: center;
border: 5px solid #234668;
cursor: pointer;

margin-top: 20px;
}

.correct {
background-color: #2f922f;
}

.incorrect {
background-color: #ff3333;
}
```

```
button:hover {  
  background-color: tomato;  
}
```

```
button:focus {  
  outline: none;  
}  
  
button svg {  
  margin-right: 5px;  
}  
  
.reviewquestions{  
  font-size: 17px;  
}
```