

```
import React from 'react';  
import Quiz from './quiz';  
import './App.css';
```

```
function App() {  
  return (  
    <div className='app'>  
      <Quiz />  
    </div>  
  );  
}
```

```
export default App;
```

```
import React, { useState, useEffect } from 'react';
```

```
const Quiz = () => {
```

```
  const [currentQuestion, setCurrentQuestion] = useState(0);
```

```
  const [score, setScore] = useState(0);
```

```
  const [showScore, setShowScore] = useState(false);
```

```
  const [secondsLeft, setSecondsLeft] = useState(60);
```

```
  const questions = [
```

```
    {
```

```
      questionText: 'Which country has the highest life expectancy?',
```

```
      answerOptions: [
```

```
        { answerText: 'Portugal', isCorrect: false },
```

```
        { answerText: 'Oman', isCorrect: false },
```

```
        { answerText: 'Hong Kong', isCorrect: true },
```

```
        { answerText: 'Denmark', isCorrect: false },
```

```
      ],
```

```
    },
```

```
    {
```

```
      questionText: 'Who was the Ancient Greek God of the Sun?',
```

```
      answerOptions: [
```

```
        { answerText: 'Poseidon', isCorrect: false },
```

```
        { answerText: 'Apollo', isCorrect: true },
```

```
        { answerText: 'Aphrodite', isCorrect: false },
```

```
        { answerText: 'Demeter', isCorrect: false },
```

```
      ],
```

```
    },
```

```
    {
```

```
      questionText: 'what was the most common surname in the United States?',
```

```

    answerOptions: [
      { answerText: 'Matin', isCorrect: false },
      { answerText: 'Smith', isCorrect: true },
      { answerText: 'Taylor', isCorrect: false },
      { answerText: 'Moore', isCorrect: false },
    ],
  },
];

```

```

const handleAnswerButtonClick = (isCorrect) => {
  if (isCorrect) {
    setScore(score + 1);
  }
}

```

```

const nextQuestion = currentQuestion + 1;
if (nextQuestion < questions.length) {
  setCurrentQuestion(nextQuestion);
} else {
  setShowScore(true);
}
};

```

```

useEffect(() => {
  if (secondsLeft > 0 && !showScore) {
    const timer = setTimeout(() => setSecondsLeft(secondsLeft - 1), 1000);
    return () => clearTimeout(timer);
  }
}, [secondsLeft, showScore]);

```

```

return (
  <div className='quiz'>

```

```

{showScore ? (
  <div className='score-section'>
    You scored {score} out of {questions.length}
  </div>
) : (
  <>
    <div className='question-section'>
      <div className='question-count'>
        <span>Question {currentQuestion + 1}</span>/{questions.length}
      </div>
      <div className='question-text'>{questions[currentQuestion].questionText}</div>
    </div>
    <div className='answer-section'>
      {questions[currentQuestion].answerOptions.map((answerOption, index) => (
        <button key={index} onClick={() => handleAnswerButtonClick(answerOption.isCorrect)}>
          {answerOption.answerText}
        </button>
      ))}
    </div>
  </>
)}
<div className='timer'>Time Left: {secondsLeft} seconds</div>
</div>
);
};

export default Quiz;

```