QUIZ

APP.CSS

 /\* Global Styles \*/

body {

  margin: 0;

  padding: 0;

  font-family: 'Arial', sans-serif;

  background-color: #9b51e0,rgb(216, 52, 161),rgb(62, 162, 188);

  display: flex;

  justify-content: center;

  align-items: center;

  height: 100vh;

}

/\* App container \*/

.app {

  background:linear-gradient(83deg,#f71aa2 0%,#6800ff 80%);

  padding: 20px;

  border-radius: 10px;

  box-shadow:0 0 50px rgba(0, 0, 0, 0.1);

  width: 100%;

  max-width: 500px;

  text-align: center;

}

/\* Heading style \*/

.heading {

  font-size:5em;

  color: #f70000;

  margin-bottom: 20px;

  text-align: center;

}

/\* Question section \*/

.question-section {

  margin-top: 20px;

}

.question-count {

  font-size: 1.2em;

  color: #444;

  margin-bottom: 10px;

}

.question-text {

  font-size: 1.5em;

  font-weight: bold;

  margin-bottom: 20px;

  color: #333;

}

/\* Answer section \*/

.answer-section {

  display: flex;

  flex-direction: column;

  gap: 10px;

  margin-top: 20px;

}

/\* Button styling \*/

button {

  padding: 10px;

  font-size: 1.1em;

  background-color: #007bff;

  color: white;

  border: none;

  border-radius: 5px;

  cursor: pointer;

  transition: background-color 0.3s ease;

}

button:hover {

  background-color: #0056b3;

}

/\* Score section \*/

.score-section {

  font-size: 1.5em;

  font-weight: bold;

  color: #333;

  margin-top: 20px;

}

/\* Responsive Design \*/

@media (max-width: 600px) {

  .heading {

    font-size: 1.6em;

  }

  .question-text {

    font-size: 1.2em;

  }

  button {

    font-size: 1em;

  }

}

APP.JS

import React, { useState } from 'react';

import './App.css'; // This imports the CSS file

function App() {

  const questions = [

    {

      questionText: 'Who is the prime minister of India?',

      answerOptions: [

        { answerText: 'Vijay Rupani', isCorrect: false },

        { answerText: 'Manmohan Singh', isCorrect: false },

        { answerText: 'Narendra Modi', isCorrect: true },

        { answerText: 'Bharatwaj', isCorrect: false }

      ]

    },

    {

      questionText: 'What is the capital of France?',

      answerOptions: [

        { answerText: 'Berlin', isCorrect: false },

        { answerText: 'Madrid', isCorrect: false },

        { answerText: 'Paris', isCorrect: true },

        { answerText: 'Lisbon', isCorrect: false }

      ]

    },

    {

      questionText: 'Which organ is primarily responsible for pumping blood in the human body?',

      answerOptions: [

        { answerText: 'Lungs', isCorrect: false },

        { answerText: 'Kidney', isCorrect: false },

        { answerText: 'Heart', isCorrect: true },

        { answerText: 'Liver', isCorrect: false }

      ]

    },

    {

      questionText: 'Which programming language is known as the backbone of web development?',

      answerOptions: [

        { answerText: 'Python', isCorrect: false },

        { answerText: 'JavaScript', isCorrect: true },

        { answerText: 'Java', isCorrect: false },

        { answerText: 'C++', isCorrect: false }

      ]

    },

    {

      questionText: 'What is the chemical symbol for water?',

      answerOptions: [

        { answerText: 'O2', isCorrect: false },

        { answerText: 'H2O', isCorrect: true },

        { answerText: 'CO2', isCorrect: false },

        { answerText: 'NaCl', isCorrect: false }

      ]

    },

    {

      questionText: 'Who painted the Mona Lisa?',

      answerOptions: [

        { answerText: 'Vincent van Gogh', isCorrect: false },

        { answerText: 'Pablo Picasso', isCorrect: false },

        { answerText: 'Leonardo da Vinci', isCorrect: true },

        { answerText: 'Claude Monet', isCorrect: false }

      ]

    },

    {

      questionText: 'Which planet is known as the "Red Planet"?',

      answerOptions: [

        { answerText: 'Earth', isCorrect: false },

        { answerText: 'Jupiter', isCorrect: false },

        { answerText: 'Mars', isCorrect: true },

        { answerText: 'Venus', isCorrect: false }

      ]

    }

  ];

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

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

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

  const handleAnswerButtonClick = (isCorrect) => {

    if (isCorrect) {

      setScore(score + 1);

    }

    const nextQuestion = currentQuestion + 1;

    if (nextQuestion < questions.length) {

      setCurrentQuestion(nextQuestion);

    } else {

      setShowScore(true);

    }

  };

  return (

    <>

      <h1 className="heading">Quiz Program</h1>

      <div className="app">

        {showScore ? (

          <div className="score-section">

            You scored {score} out of {questions.length}

          </div>

        ) : (

          <div className="question-section">

            <div className="question-count">

              <h1>Question {currentQuestion + 1} / {questions.length}</h1>

            </div>

            <div className="question-text">

              {questions[currentQuestion].questionText}

            </div>

            <div className="answer-section">

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

                <button

                  key={index}

                  onClick={() => handleAnswerButtonClick(answerOption.isCorrect)}

                >

                  {answerOption.answerText}

                </button>

              ))}

            </div>

          </div>

        )}

      </div>

    </>

  );

}

export default App;