```javascript
// DOM Elements
const startScreen = document.getElementById("start-screen")
const quizScreen = document.getElementById("quiz-screen")
const resultScreen = document.getElementById("result-screen");
const startButton = document.getElementById("start-btn");
const questionText = document.getElementById("question-text");
const answersContainer = document.getElementById("answers-container");
const currentQuestionSpan = document.getElementById("current-question");
const totalQuestionsSpan = document.getElementById("total-questions");
const scoreSpan = document.getElementById("score");
const finalScoreSpan = document.getElementById("final-score");
const maxScoreSpan = document.getElementById("max-score");
const resultMessage = document.getElementById("result-message");
const restartButton = document.getElementById("restart-btn");
const progressBar = document.getElementById("progress");
const confettiContainer = document.getElementById('confetti');

const quizQuestions = [
  {
    question: "What year was Texas Tech University Founded?",
    answers: [
      { text: "1921", correct: false },
      { text: "1910", correct: false },
      { text: "1923", correct: true },
      { text: "1956", correct: false },
    ],
  },
  {
    question: "What is the name of the Texas Tech College of
Engineering?",
    answers: [
      { text: "Cockrell School of Engineering", correct: false },
      { text: "Cullen College of Engineering ", correct: false },
      { text: "Edward E. Whitacre Jr. College of Engineering", correct:
true },
      { text: "George R. Brown School of Engineering", correct: false },
    ],
  },
  {
```

```javascript
    question: "What is the name of the Texas Tech University Marching
Band?",
    answers: [
      { text: "On the GO and Blow Band", correct: false },
      { text: "The Conquistadors", correct: false },
      { text: "The Marching Matadors", correct: false },
      { text: "Goin' Band from Raiderland", correct: true },
    ],
  },
  {
    question: "What athletic conference does Texas Tech University compete
in?",
    answers: [
      { text: "SEC", correct: false },
      { text: "Pac-12", correct: false },
      { text: "The Big XII", correct: true },
      { text: "The Big Ten", correct: false },
    ],
  },
  {
    question: "Texas Tech University is responsible for having the first
college mascot to feature a live horse, what is the name of this mascot?",
    answers: [
      { text: "Bevo", correct: false },
      { text: "UGA", correct: false },
      { text: "The Masked Raider", correct: false },
      { text: "The Masked Rider", correct: true },
    ],
  },
];

//Confetti Animation
function triggerConfetti() {
    const colors = ['#f00','#0f0','#00f','#ff0','#f0f','#FFA500'];

    for(let i = 0; i < 100; i++) {
        const confetti = document.createElement('div');
        confetti.classList.add('confetti');
        confetti.style.backgroundColor = colors[Math.floor(Math.random() *
colors.length)];
```

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        confetti.style.left = `${Math.random() * 100}vw`;
        confetti.style.top = '0px'; //Start at the viewport/quiz screen
        confetti.style.animationDuration = `${Math.random() * 2 + 3}s`;
        confetti.style.animationDelay = `${Math.random() * 0.5}s`;

        confettiContainer.appendChild(confetti);

        confetti.addEventListener('animationend', () => {
            confetti.remove();
        });
    }
}


// Quiz State Vars

let currentQuestionIndex = 0;
let score = 0;
let answerDisabled = false;

totalQuestionsSpan.textContent=quizQuestions.length;
maxScoreSpan.textContent = quizQuestions.length;

//event listeners

startButton.addEventListener("click", startQuiz);
restartButton.addEventListener("click", restartQuiz);

function startQuiz() {
    console.log(Array.from(answersContainer.children).forEach((el)=>
console.log(el)))
    //reset vars
    currentQuestionIndex=0;
    score = 0;
    scoreSpan.textContent= 0;

    startScreen.classList.remove("active");
    quizScreen.classList.add("active");

    showQuestion();
```

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}

function showQuestion(){
    //reset state
    answerDisabled = false;

    const currentQuestion = quizQuestions[currentQuestionIndex];

    currentQuestionSpan.textContent = currentQuestionIndex + 1;

    const progressPercent = (currentQuestionIndex/ quizQuestions.length) *
100;
    progressBar.style.width = progressPercent + "%";

    questionText.textContent = currentQuestion.question;

    answersContainer.innerHTML = "";

    currentQuestion.answers.forEach(answer =>{
        const button = document.createElement("button");
        button.textContent = answer.text;
        button.classList.add("answer-btn");

        button.dataset.correct = answer.correct;

        button.addEventListener("click",selectAnswer);

        answersContainer.appendChild(button);
    })
}

function selectAnswer(event){
    if(answerDisabled) return;

    answerDisabled = true;

    const selectedButton = event.target;
    const isCorrect = selectedButton.dataset.correct === "true";

    Array.from(answersContainer.children).forEach(button =>{
```

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            if(button.dataset.correct === "true"){
                button.classList.add("correct");
            } else if (button === selectedButton){
                button.classList.add("incorrect");
            }
        });

        if(isCorrect){
            score++;
            scoreSpan.textContent = score;
        }

        setTimeout(()=>{
            currentQuestionIndex++;

            if(currentQuestionIndex < quizQuestions.length){
                showQuestion();
            }else{
                showResults();
            }
        }, 500)
}

function showResults(){
    quizScreen.classList.remove("active");
    resultScreen.classList.add("active");

    finalScoreSpan.textContent = score;

    const percentage = (score/quizQuestions.length) * 100;

    if(percentage === 100){
        resultMessage.textContent = "Perfect Score!"
        triggerConfetti();
    } else if (percentage >= 80) {
        resultMessage.textContent = "Great Job!"
    } else if (percentage >= 70) {
        resultMessage.textContent = "Time for more Research!"
    }
}
```

```javascript
function restartQuiz(){
    resultScreen.classList.remove("active");

    startQuiz();
}
```