

```
<!DOCTYPE html>

<html lang="en" ng-app="quizApp">

<head>

  <meta charset="UTF-8">

  <title>Online Quiz App</title>

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <style>

    body {

      margin: 0;

      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

      background: url('https://images.unsplash.com/photo-1506744038136-46273834b3fb?auto=format&fit=crop&w=1500&q=80') no-repeat center center fixed;

      background-size: cover;

      min-height: 100vh;

    }

    .container {

      max-width: 520px;

      margin: 40px auto;

      background: rgba(255,255,255,0.96);

      border-radius: 16px;

      box-shadow: 0 8px 32px rgba(0,0,0,0.2);

      padding: 32px 24px;

      min-height: 540px;

    }

    .logo-title {

      display: flex;
```

```
align-items: center;

gap: 10px;

font-size: 2rem;

font-weight: bold;

margin-bottom: 24px;

justify-content: center;
}

.logo-title img {

height: 44px;
}

nav {

display: flex;

flex-wrap: wrap;

justify-content: space-between;

margin-bottom: 24px;

gap: 6px;
}

nav button {

background: #007bff;

color: #fff;

border: none;

padding: 10px 18px;

border-radius: 8px;

font-size: 1rem;

cursor: pointer;

transition: background 0.2s;
```

```
margin-bottom: 2px;
}
nav button.active, nav button:hover {
background: #0056b3;
}
.topic-list {
display: flex;
flex-direction: column;
gap: 18px;
margin: 30px 0;
}
.topic-btn {
display: flex;
align-items: center;
gap: 16px;
background: #f5f5f5;
border: 2px solid #007bff;
border-radius: 10px;
padding: 14px 18px;
font-size: 1.15rem;
cursor: pointer;
transition: background 0.2s, border 0.2s;
font-weight: 500;
}
.topic-btn:hover {
background: #e3f0ff;
```

```
border-color: #0056b3;
}
.topic-btn img{
  height: 38px;
}
.question{
  font-size: 1.2rem;
  margin-bottom: 18px;
  font-weight: 600;
}
.answers label{
  display: block;
  margin-bottom: 12px;
  font-size: 1rem;
  cursor: pointer;
  background: #f5f5f5;
  padding: 8px 12px;
  border-radius: 6px;
  transition: background 0.2s;
}
.answers input[type="radio"]{
  margin-right: 12px;
}
.answers label.selected{
  background: #d1e7dd;
}
```

```
.btn {  
  background: #28a745;  
  color: #fff;  
  border: none;  
  padding: 10px 22px;  
  border-radius: 8px;  
  font-size: 1rem;  
  cursor: pointer;  
  margin-top: 16px;  
  transition: background 0.2s;  
}  
  
.btn:hover {  
  background: #218838;  
}  
  
.result {  
  font-size: 1.3rem;  
  font-weight: bold;  
  color: #007bff;  
  margin: 18px 0;  
  text-align: center;  
}  
  
.profile-img {  
  width: 80px;  
  border-radius: 50%;  
  margin-bottom: 10px;  
  display: block;
```

```
margin-left: auto;
margin-right: auto;
}
.about, .contact, .instructions {
font-size: 1rem;
line-height: 1.7;
margin-top: 10px;
}
.home-banner {
text-align: center;
margin-bottom: 20px;
}
.home-banner img {
width: 120px;
margin-bottom: 10px;
}
.topic-title {
display: flex;
align-items: center;
gap: 16px;
font-size: 1.3rem;
font-weight: bold;
margin-bottom: 10px;
margin-top: 8px;
}
.topic-title img {
```

```
height: 36px;
}
.create-section {
margin: 18px 0 0 0;
padding: 16px 14px;
background: #f9f9f9;
border-radius: 12px;
border: 1.5px solid #d1e7dd;
}
.create-section label {
font-weight: 500;
display: block;
margin-bottom: 4px;
margin-top: 10px;
}
.create-section input[type="text"] {
width: 100%;
padding: 6px 8px;
margin-bottom: 8px;
border-radius: 5px;
border: 1px solid #ccc;
font-size: 1rem;
}
.create-section .answer-row {
display: flex;
align-items: center;
```

```
gap: 6px;

margin-bottom: 6px;
}

.create-section .answer-row input[type="radio"]{

margin-top: 0;
}

.create-section .btn {

margin-top: 10px;

background: #007bff;
}

.create-section .btn:hover {

background: #0056b3;
}

.success-msg {

color: #218838;

font-weight: 500;

margin-top: 8px;
}

.no-questions {

color: #dc3545;

font-weight: 500;

text-align: center;

margin: 30px 0 0 0;

font-size: 1.1rem;
}

@media (max-width: 600px) {
```



```

.container { padding: 18px 6px; }

.logo-title { font-size: 1.2rem; }

.topic-title { font-size: 1rem; }

}

</style>

<script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

</head>

<body ng-controller="MainCtrl">

  <div class="container">

    <div class="logo-title">

      

      Online Quiz App

      

    </div>

    <nav>

      <button ng-click="go('home')" ng-class="{active: page=='home'}">Home</button>

      <button ng-click="go('instructions')" ng-class="{active:
page=='instructions'}">Instructions</button>

      <button ng-click="go('topics')" ng-class="{active: page=='topics'}">Topics</button>

      <button ng-click="go('about')" ng-class="{active: page=='about'}">About</button>

      <button ng-click="go('contact')" ng-class="{active: page=='contact'}">Contact</button>

    </nav>

    <div ng-show="page=='home'">

      <div class="home-banner">

        

```

<h2>Welcome to the Online Quiz App!</h2>

<p>Choose a topic and test your knowledge.
Click 'Topics' to begin.</p>

</div>

</div>

<div ng-show="page=='instructions'" class="instructions">

<h3>How to Play</h3>

Select a topic from the Topics page.

Add your own questions to any topic.

Each quiz uses the questions you create.

Select your answer and proceed to the next question.

Your score will be shown at the end.

Try all topics for more fun!

</div>

<div ng-show="page=='topics'">

<h3>Select a Quiz Topic</h3>

<div class="topic-list">

<button class="topic-btn" ng-click="startQuiz('html')">

HTML Basics

</button>

<button class="topic-btn" ng-click="startQuiz('css')">

CSS Fundamentals

</button>

```
<button class="topic-btn" ng-click="startQuiz('js')">  
    
  JavaScript Essentials
```

```
</button>
```

```
<button class="topic-btn" ng-click="startQuiz('angular')">  
    
  AngularJS Concepts
```

```
</button>
```

```
<button class="topic-btn" ng-click="startQuiz('gk')">  
    
  General Knowledge
```

```
</button>
```

```
</div>
```

```
</div>
```

```
<div ng-show="page=='html'">
```

```
  <div class="topic-title">
```

```
      
    HTML Basics Quiz
```

```
  </div>
```

```
  <button class="btn" ng-click="showCreate('html')">Create Questions</button>
```

```
  <div ng-include=""quiz-template.html"" ng-init="setTopic('html')"></div>
```

```
  <div ng-if="showcreateForm && currentCreateTopic=='html'" class="create-section">
```

```
    <h4>Add a Question</h4>
```

```
    <form ng-submit="addQuestion('html')">
```

```
      <label>Question</label>
```

```
      <input type="text" ng-model="newQ.question" required maxlength="120">
```

```
<label>Option A</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="a" required>

  <input type="text" ng-model="newQ.a" required maxlength="50"
placeholder="Answer A">

</div>

<label>Option B</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="b" required>

  <input type="text" ng-model="newQ.b" required maxlength="50"
placeholder="Answer B">

</div>

<label>Option C</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="c" required>

  <input type="text" ng-model="newQ.c" required maxlength="50"
placeholder="Answer C">

</div>

<label>Option D</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="d" required>

  <input type="text" ng-model="newQ.d" required maxlength="50"
placeholder="Answer D">

</div>

<button class="btn" type="submit">Add Question</button>

</form>

<div class="success-msg" ng-if="createSuccess">Question added!</div>
```

</div>

</div>

<div ng-show="page=='css'">

<div class="topic-title">

CSS Fundamentals Quiz

</div>

<button class="btn" ng-click="showCreate('css')">Create Questions</button>

<div ng-include=""quiz-template.html"" ng-init="setTopic('css')"></div>

<div ng-if="showcreateForm && currentCreateTopic=='css'" class="create-section">

<h4>Add a Question</h4>

<form ng-submit="addQuestion('css')">

<label>Question</label>

<input type="text" ng-model="newQ.question" required maxlength="120">

<label>Option A</label>

<div class="answer-row">

<input type="radio" ng-model="newQ.correct" value="a" required>

<input type="text" ng-model="newQ.a" required maxlength="50"
placeholder="Answer A">

</div>

<label>Option B</label>

<div class="answer-row">

<input type="radio" ng-model="newQ.correct" value="b" required>

<input type="text" ng-model="newQ.b" required maxlength="50"
placeholder="Answer B">

</div>

<label>Option C</label>

```

<div class="answer-row">

    <input type="radio" ng-model="newQ.correct" value="c" required>

    <input type="text" ng-model="newQ.c" required maxlength="50"
placeholder="Answer C">

</div>

<label>Option D</label>

<div class="answer-row">

    <input type="radio" ng-model="newQ.correct" value="d" required>

    <input type="text" ng-model="newQ.d" required maxlength="50"
placeholder="Answer D">

</div>

<button class="btn" type="submit">Add Question</button>

</form>

<div class="success-msg" ng-if="createSuccess">Question added!</div>

</div>

<div ng-show="page=='js'">

    <div class="topic-title">

        

        JavaScript Essentials Quiz

    </div>

    <button class="btn" ng-click="showCreate('js')">Create Questions</button>

    <div ng-include="'quiz-template.html'" ng-init="setTopic('js')"></div>

    <div ng-if="showcreateForm && currentCreateTopic=='js'" class="create-section">

        <h4>Add a Question</h4>

        <form ng-submit="addQuestion('js')">

            <label>Question</label>

```

```
<input type="text" ng-model="newQ.question" required maxlength="120">

<label>Option A</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="a" required>

  <input type="text" ng-model="newQ.a" required maxlength="50"
placeholder="Answer A">

</div>

<label>Option B</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="b" required>

  <input type="text" ng-model="newQ.b" required maxlength="50"
placeholder="Answer B">

</div>

<label>Option C</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="c" required>

  <input type="text" ng-model="newQ.c" required maxlength="50"
placeholder="Answer C">

</div>

<label>Option D</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="d" required>

  <input type="text" ng-model="newQ.d" required maxlength="50"
placeholder="Answer D">

</div>

<button class="btn" type="submit">Add Question</button>

</form>
```

```
<div class="success-msg" ng-if="createSuccess">Question added!</div>

</div>

</div>

<div ng-show="page=='angular'">

  <div class="topic-title">

    

    AngularJS Concepts Quiz

  </div>

  <button class="btn" ng-click="showCreate('angular')">Create Questions</button>

  <div ng-include="'quiz-template.html'" ng-init="setTopic('angular')"></div>

  <div ng-if="showCreateForm && currentCreateTopic=='angular'" class="create-
section">

    <h4>Add a Question</h4>

    <form ng-submit="addQuestion('angular')">

      <label>Question</label>

      <input type="text" ng-model="newQ.question" required maxlength="120">

      <label>Option A</label>

      <div class="answer-row">

        <input type="radio" ng-model="newQ.correct" value="a" required>

        <input type="text" ng-model="newQ.a" required maxlength="50"
placeholder="Answer A">

      </div>

      <label>Option B</label>

      <div class="answer-row">

        <input type="radio" ng-model="newQ.correct" value="b" required>

        <input type="text" ng-model="newQ.b" required maxlength="50"
placeholder="Answer B">

      </div>

    </form>

  </div>

</div>
```



```

</div>

<label>Option C</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="c" required>

  <input type="text" ng-model="newQ.c" required maxlength="50"
placeholder="Answer C">

</div>

<label>Option D</label>

<div class="answer-row">

  <input type="radio" ng-model="newQ.correct" value="d" required>

  <input type="text" ng-model="newQ.d" required maxlength="50"
placeholder="Answer D">

</div>

<button class="btn" type="submit">Add Question</button>

</form>

<div class="success-msg" ng-if="createSuccess">Question added!</div>

</div>

</div>

<div ng-show="page=='gk'">

  <div class="topic-title">

    

    General Knowledge Quiz

  </div>

  <button class="btn" ng-click="showCreate('gk')">Create Questions</button>

  <div ng-include="'quiz-template.html'" ng-init="setTopic('gk')"></div>

  <div ng-if="showcreateForm && currentCreateTopic=='gk'" class="create-section">

    <h4>Add a Question</h4>

```

```
<form ng-submit="addQuestion('gk')">

  <label>Question</label>

  <input type="text" ng-model="newQ.question" required maxlength="120">

  <label>Option A</label>

  <div class="answer-row">

    <input type="radio" ng-model="newQ.correct" value="a" required>

    <input type="text" ng-model="newQ.a" required maxlength="50"
placeholder="Answer A">

  </div>

  <label>Option B</label>

  <div class="answer-row">

    <input type="radio" ng-model="newQ.correct" value="b" required>

    <input type="text" ng-model="newQ.b" required maxlength="50"
placeholder="Answer B">

  </div>

  <label>Option C</label>

  <div class="answer-row">

    <input type="radio" ng-model="newQ.correct" value="c" required>

    <input type="text" ng-model="newQ.c" required maxlength="50"
placeholder="Answer C">

  </div>

  <label>Option D</label>

  <div class="answer-row">

    <input type="radio" ng-model="newQ.correct" value="d" required>

    <input type="text" ng-model="newQ.d" required maxlength="50"
placeholder="Answer D">

  </div>
```

```

        <button class="btn" type="submit">Add Question</button>

    </form>

    <div class="success-msg" ng-if="createSuccess">Question added!</div>

</div>

</div>

<div ng-show="page=='final'">

    <div class="result">

        <div>

            

        </div>

        <div style="margin: 12px 0;">

            <span ng-if="lastTopicIcon"></span>

            <span style="font-size:1.2rem;">{{lastTopicName}} Quiz Completed!</span>

        </div>

        You scored <span>{{score}}</span> out of {{questions.length}}.<br>

        <button class="btn" ng-click="go('topics')">Try Another Topic</button>

        <button class="btn" ng-click="go('home')">Home</button>

    </div>

</div>

<div ng-show="page=='about'" class="about">

    

    <h3>About This App</h3>

    <p>This mini project is a multi-topic online quiz web application built using HTML5, CSS,
and AngularJS. You can add your own questions!</p>

    <p>Created by: <strong>Your Name</strong></p>

```

</div>

<div ng-show="page=='contact'" class="contact">

<h3>Contact</h3>

<p>

 Email: your.email@example.com

</p>

<p>

 GitHub: yourusername

</p>

</div>

<script type="text/ng-template" id="quiz-template.html">

<div ng-if="questions.length==0" class="no-questions">

No questions yet. Please add questions to start the quiz!

</div>

<div ng-if="questions.length && quizFinished" class="result">

<div>

</div>

Quiz Completed!

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

<button class="btn" ng-click="finishQuiz()">Finish</button>

</div>

```

<div ng-if="questions.length && !quizFinished">

  <div class="question">

    Q{{currentIndex+1}}: {{questions[currentIndex].question}}

  </div>

  <div class="answers">

    <label ng-repeat="(key, answer) in questions[currentIndex].answers"

      ng-class="{selected: userAnswers[currentIndex]==key}">

      <input type="radio"

        name="answer{{$parent.currentIndex}}"

        ng-value="key"

        ng-model="userAnswers[currentIndex]"

        ng-disabled="answered[currentIndex]"

        ng-change="selectAnswer(key)">

        {{answer}}

      </label>

    </div>

    <button class="btn" ng-click="next()" ng-if="currentIndex < questions.length-1" ng-
disabled="!userAnswers[currentIndex]">

      Next

    </button>

    <button class="btn" ng-click="finish()" ng-if="currentIndex == questions.length-1" ng-
disabled="!userAnswers[currentIndex]">

      Submit

    </button>

  </div>

</script>

</div>

```

```
<script>

angular.module('quizApp', [])

.controller('MainCtrl', function($scope, $timeout) {

    $scope.page = 'home';

    $scope.lastTopicName = "";

    $scope.lastTopicIcon = "";

    $scope.showCreateForm = false;

    $scope.currentCreateTopic = "";

    $scope.createSuccess = false;

    $scope.newQ = {};

    $scope.go = function(p) {

        $scope.page = p;

        $scope.showCreateForm = false;

        $scope.createSuccess = false;

        $scope.newQ = {};

    };

    $scope.topics = {

        html: {

            name: 'HTML Basics',

            icon: 'https://img.icons8.com/color/48/000000/html-5.png',

            questions: []

        },

        css: {

            name: 'CSS Fundamentals',

            icon: 'https://img.icons8.com/color/48/000000/css3.png',

            questions: []

        }

    }

});

</script>
```

```

},
js: {
  name: 'JavaScript Essentials',
  icon: 'https://img.icons8.com/color/48/000000/javascript.png',
  questions: []
},
angular: {
  name: 'AngularJS Concepts',
  icon: 'https://img.icons8.com/color/48/000000/angularjs.png',
  questions: []
},
gk: {
  name: 'General Knowledge',
  icon: 'https://img.icons8.com/color/48/000000/globe--v2.png',
  questions: []
}
};

$scope.startQuiz = function(topicKey) {
  $scope.setTopic(topicKey);
  $scope.page = topicKey;
  $scope.showCreateForm = false;
  $scope.createSuccess = false;
  $scope.newQ = {};
};

$scope.setTopic = function(topicKey) {
  $scope.topicKey = topicKey;

```

```
$scope.questions = $scope.topics[topicKey].questions;

$scope.currentIndex = 0;

$scope.userAnswers = [];

$scope.answered = [];

$scope.score = 0;

$scope.quizFinished = false;

};

$scope.selectAnswer = function(key) {

    $scope.answered[$scope.currentIndex] = true;

};

$scope.next = function() {

    if ($scope.userAnswers[$scope.currentIndex]) {

        $scope.currentIndex++;

    }

};

$scope.finish = function() {

    $scope.score = 0;

    for (let i = 0; i < $scope.questions.length; i++) {

        if ($scope.userAnswers[i] === $scope.questions[i].correct) $scope.score++;

    }

    $scope.quizFinished = true;

};

$scope.finishQuiz = function() {

    $scope.lastTopicName = $scope.topics[$scope.topicKey].name;

    $scope.lastTopicIcon = $scope.topics[$scope.topicKey].icon;

    $scope.page = 'final';
```



```

};

$scope.showCreate = function(topic) {

    $scope.showCreateForm = !$scope.showCreateForm || $scope.currentCreateTopic !==
topic;

    $scope.currentCreateTopic = topic;

    $scope.createSuccess = false;

    $scope.newQ = {};

};

$scope.addQuestion = function(topic) {

    if ($scope.newQ.question && $scope.newQ.a && $scope.newQ.b && $scope.newQ.c
&& $scope.newQ.d && $scope.newQ.correct) {

        $scope.topics[topic].questions.push({

            question: $scope.newQ.question,

            answers: {

                a: $scope.newQ.a,

                b: $scope.newQ.b,

                c: $scope.newQ.c,

                d: $scope.newQ.d

            },

            correct: $scope.newQ.correct

        });

        $scope.createSuccess = true;

        $scope.newQ = {};

        $timeout(function(){ $scope.createSuccess = false; }, 2000);

    }

};

});

```

</script>

</body>

</html>