Source Code:

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Quiz</title>

<!-- css file link -->

<link rel="stylesheet" href="quiz.css">

</head>

<body>

    <h1 id="title">Quiz</h1>

    <!-- quiz-container -->

    <div id="quiz-container">

        <!-- question container -->

        <div class="questions">

            <h2 id="question"></h2>

            <ol type="A">

                <li class="option"><span id="option0" onclick="calcScore(this)"></span></li>

                <li class="option"><span id="option1" onclick="calcScore(this)"></span></li>

                <li class="option"><span id="option2" onclick="calcScore(this)"></span></li>

                <li class="option"><span id="option3" onclick="calcScore(this)"></span></li>

            </ol>

            <h4 id="stat"></h4>

        </div>

        <div class="buttons">

            <button type="button" class="next">Next</button>

        </div>

    </div>

    <!-- scoreboard section -->

    <div id="scoreboard">

        <h2 id="score-title">Your Score</h2>

        <h2 id="score"></h2>

        <button type="button" id="score-btn" onclick="backToQuiz()">Back to Quiz</button>

        <button type="button" id="check-answer" onclick="checkAnswer()">Check Answers</button>

    </div>

    <!-- answers section -->

    <div id="answerBank">

        <h2>Answers :</h2>

        <ol type="1" id="answers">

        </ol>

        <button type="button" id="score-btn" onclick="backToQuiz()">Back to Quiz</button>

    </div>

    <!-- javascript file source -->

    <script src="onlinequiz.js"></script>

</body>

</html>

Quiz.css

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Quiz</title>

<!-- css file link -->

<link rel="stylesheet" href="quiz.css">

</head>

<body>

    <h1 id="title">Quiz</h1>

    <!-- quiz-container -->

    <div id="quiz-container">

        <!-- question container -->

        <div class="questions">

            <h2 id="question"></h2>

            <ol type="A">

                <li class="option"><span id="option0" onclick="calcScore(this)"></span></li>

                <li class="option"><span id="option1" onclick="calcScore(this)"></span></li>

                <li class="option"><span id="option2" onclick="calcScore(this)"></span></li>

                <li class="option"><span id="option3" onclick="calcScore(this)"></span></li>

            </ol>

            <h4 id="stat"></h4>

        </div>

        <div class="buttons">

            <button type="button" class="next">Next</button>

        </div>

    </div>

    <!-- scoreboard section -->

    <div id="scoreboard">

        <h2 id="score-title">Your Score</h2>

        <h2 id="score"></h2>

        <button type="button" id="score-btn" onclick="backToQuiz()">Back to Quiz</button>

        <button type="button" id="check-answer" onclick="checkAnswer()">Check Answers</button>

    </div>

    <!-- answers section -->

    <div id="answerBank">

        <h2>Answers :</h2>

        <ol type="1" id="answers">

        </ol>

        <button type="button" id="score-btn" onclick="backToQuiz()">Back to Quiz</button>

    </div>

    <!-- javascript file source -->

    <script src="onlinequiz.js"></script>

</body>

</html>

Onlinequiz.js

//Question bank

var questionBank= [

    { question : 'What year was JavaScript launched?',

    option : ['1996','1995','1994','None of the above'],

    answer : '1995'},

    {

        question : 'Which language runs in a web browser?',

        option : ['Java','C','Python','JavaScript'],

        answer : 'JavaScript'

    },

    {

        question : 'What of the following is the default value of an instance variable?',

        option : ['Null', '0','Depends upon the type of variable','Not assigned'],

        answer : 'Depends upon the type of variable'

    },

    {

        question : 'What is the default value of Object variable?',

        option : ['Undefined','0','Null','Not defined'],

        answer : 'Null'

    },

    {

        question : 'Which language runs in a web browser?',

        option : ['Java','C','Python','JavaScript'],

        answer : 'JavaScript'

    },

    {

        question : 'Method Overriding is an example of?',

        option : ['Static Binding','Dynamic Binding','Both of the above','None of the above'],

        answer : 'Dynamic Binding'

    },

    {

        question : 'What is the size of float variable?',

        option : ['8 bit','16 bit','32 bit','64 bit'],

        answer : '32 bit'

    },

    {

        question : 'What happens when thread sleep() method is called?',

        option : ['Thread returns to the ready state','Thread returns to the waiting state','Thread starts running','None of the above'],

        answer : 'Thread returns to the waiting state'

    },

    {

        question : 'which operator is considered to be with highest precedence?',

        option : ['() []','- =','- ?','- %'],

        answer : '() []'

    },

    { question : 'Number of primitive data types in Java are?',

      option   : ['6','7','8','9'],

      answer : '8'

    }

]

var question= document.getElementById('question');

var quizContainer= document.getElementById('quiz-container');

var scorecard= document.getElementById('scorecard');

var option0= document.getElementById('option0');

var option1= document.getElementById('option1');

var option2= document.getElementById('option2');

var option3= document.getElementById('option3');

var next= document.querySelector('.next');

var points= document.getElementById('score');

var span= document.querySelectorAll('span');

var i=0;

var score= 0;

//function to display questions

function displayQuestion(){

    for(var a=0;a<span.length;a++){

        span[a].style.background='none';

    }

    question.innerHTML= 'Q.'+(i+1)+' '+questionBank[i].question;

    option0.innerHTML= questionBank[i].option[0];

    option1.innerHTML= questionBank[i].option[1];

    option2.innerHTML= questionBank[i].option[2];

    option3.innerHTML= questionBank[i].option[3];

    stat.innerHTML= "Question"+' '+(i+1)+' '+'of'+' '+questionBank.length;

}

//function to calculate scores

function calcScore(e){

    if(e.innerHTML===questionBank[i].answer && score<questionBank.length)

    {

        score= score+1;

        document.getElementById(e.id).style.background= 'limegreen';

    }

    else{

        document.getElementById(e.id).style.background= 'tomato';

    }

    setTimeout(nextQuestion,300);

}

//function to display next question

function nextQuestion(){

    if(i<questionBank.length-1)

    {

        i=i+1;

        displayQuestion();

    }

    else{

        points.innerHTML= score+ '/'+ questionBank.length;

        quizContainer.style.display= 'none';

        scoreboard.style.display= 'block'

    }

}

//click events to next button

next.addEventListener('click',nextQuestion);

//Back to Quiz button event

function backToQuiz(){

    location.reload();

}

//function to check Answers

function checkAnswer(){

    var answerBank= document.getElementById('answerBank');

    var answers= document.getElementById('answers');

    answerBank.style.display= 'block';

    scoreboard.style.display= 'none';

    for(var a=0;a<questionBank.length;a++)

    {

        var list= document.createElement('li');

        list.innerHTML= questionBank[a].answer;

        answers.appendChild(list);

    }

}

displayQuestion();