***Phase 4 Project: Online Test Application***.

Name: Warona Lekoba

Git Repo: https://github.com/Warona-pro/Online-Test-Application.git

Code:

Index

!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Online Quiz Application</title>

    <link rel="stylesheet" href="style.css"/>

</head>

<body>

    <div class="container">

        <div class="leftSide">

           <img src="https://img.freepik.com/premium-vector/quiz-time-blue-banner-3d-style-white-background-vector-illustration\_123447-1768.jpg?w=2000"alt="quiz logo"class="tilt">

        </div>

    <div class="rightSide"><br>

        <h1>Welcome to Online Quiz Test</h1><br>

        <ul style="list-style-type:circle">

            <li><b>General Knowledge Quiz!</b></li>

            <li><b>5 questions</b></li>

        </ul>

        <a href="questions.html">Start Quiz</a>

        </div>

    </div>

</body>

<script src="js/jquery-3.5.1.min.js"></script>

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

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

</html>

!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Quiz Test</title>

    <link rel="stylesheet" href="style.css" />

</head>

<body>

    <div class="box" id="questionScreen">

        <div class="title">

            Online Quiz Test Application

        </div>

        <div class="header">

            <div class="scoreBox" style="color:white; background-color: rgb(150, 198, 226);">Score: <span></span> </div>

        </div>

        <div class="questionBox">

        </div>

        <div class="optionBox" >

            <span onclick="checkAnswer(this)" data-opt="1"></span>

            <span onclick="checkAnswer(this)" data-opt="2"></span>

            <span onclick="checkAnswer(this)" data-opt="3"></span>

            <span onclick="checkAnswer(this)" data-opt="4"></span>

        </div>

        <div class="footer">

            <button onclick="showNext()">

                Next

            </button>

            <button onclick="showResult(1)">

                 Result

            </button>

        </div>

    </div>

    <div class="box" id="resultScreen" style="display: none;">

        <div class="title">

            Online Quiz Result

        </div>

        <div class="resultBox">

            <label>Questions : </label>

            <span id="titalQuestions">5</span>

            <label>Attempted : </label>

            <span id="attemptQuestion">0</span>

            <label>Correct : </label>

            <span id="correctAnswers">0</span>

            <label>Wrong : </label>

            <span id="wrongAnswers">0</span>

        </div>

        <div class="buttonBox">

            <a href="index.html">Start Again</a>

            <a href="review.html">Review Solutions</a>

        </div>

    </div>

</body>

<script src="js/jquery-3.5.1.min.js"></script>

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

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

</html>

Review

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Review Solutions</title>

    <link rel="stylesheet" href="style.css"/>

</head>

<body>

    <div class="container1">

        <h1><b>Solutions</b></h1>

        <br/>

        <br/>

        <h3>1.How many legs does a spider have?</h3>

        <h4>Ans. eight</h4>

        <br/>

        <br/>

        <h3>2.What is something you hit with a hammer?</h3>

        <h4>Ans. a nail</h4>

        <br/>

        <br/>

        <h3>3.If you freeze water what do you get?</h3>

        <h4>Ans.Springcore</h4>

        <br/>

        <br/>

        <h3>4.How many planets are there in our solar system?</h3>

        <h4>Ans. eight</h4>

        <br/>

        <br/>

        <h3>5.How many pairs of wings do bees have?</h3>

        <h4>Ans. two</h4>

    </div>

</body>

</html>

Style.CSS

@import url("https://fonts.googleapis.com/css2?family=Open+Sans:wght@300&display=swap");

\*{

    margin: 0;

    padding:0;

    box-sizing: border-box;

}

body {

    font-family: 'sans-serif', sans-serif;

    background-image: url("https://t4.ftcdn.net/jpg/03/45/88/07/360\_F\_345880772\_zIT2mkdCzTthplO7xqaGGrMspN0jw0ll.jpg");

    background-size: cover;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

}

.container{

    width: 750px;

    background-color: rgb(92, 182, 170);

    box-shadow:0 0 50px 0 rgba(0,0, 0, 0.2);

    min-height: 350px;

    padding:50px 50px ;

    border-radius: 10px;

    display:flex;

}

.leftSide,

.rightSide{

    width: 50%;

}

.leftSide img{

    height:300px;

    width:300px;

}

.rightSide h1{

    color:#201414;

    font-size: 32px;

}

.rightSide h2{

    color: #444 ;

    margin:20px auto 10px;

    font-size:25px;

}

.rightSide ul{

    color: #444 ;

    font-size:18px;

    margin-top:600;

    list-style-type: circle;

    list-style-position: inside;

}

.rightSide ul li{

    margin-top: 5px;

}

.rightSide a{

    background-color: #dbd9d9;

    border-radius: 100px;

    color:rgb(46, 40, 40);

    font-weight:600;

    width:100%;

    display:inline-block;

    text-align: center;

    padding:15px 0;

    margin-top:25px;

    text-decoration: none;

    outline:none;

}

.box{

    background-color:antiquewhite;

    border-radius: 10px;

    box-shadow:0 0 50px 0 rgba(0,0, 0, 0.2);

    min-height: 350px;

    width:540px;

    padding:50px;

}

.title{

    border-bottom: 1px solid #464646;

    color:#464646;

    padding-bottom:10px;

    margin-bottom:20px;

    font-weight:600;

    font-size:24px;

}

.optionBox span{

    background-color:rgb(219, 222, 223);

    border-radius: 10px;

    color:rgb(32, 28, 28);

    border:1px solid,#444;

    padding:10px 15px;

}

.header{

    margin-bottom: 30px;

    display:flex;

    justify-content:space-between ;

}

.scoreBox{

    border-radius: 100px;

    padding:10px 15px;

    border:1px solid #444;

    color:#444;

}

.questionBox{

    background-color: rgb(219, 222, 223);

    color:rgb(32, 28, 28);

    border-radius: 10px;

    padding:10px 15px;

}

.optionBox{

    display: grid;

    grid-template-columns: 1fr 1fr;

    margin: 30px 0;

    grid-gap:15px;

}

.footer{

    display: flex;

    justify-content: space-between;

}

.footer button{

    background-color: #1da3dd;

    border-radius: 5px;

    padding:7px 15px;

    color:#fff;

    border:0;

    outline:none;

    font-size: 20px;

}

.resultBox{

    margin-bottom: 30px;

    display: grid;

    grid-template-columns: 1fr 1fr;

    grid-row-gap:15px;

    font-size:20px

}

.resultBox \*:nth-child(odd){

    text-align:right;

}

.resultBox span{

    font-weight: 600;

}

.buttonBox{

    border-top:1px solid #444;

    text-align:center;

}

.buttonBox a{

    background-color:#1da3dd;

    border-radius: 50px;

    border:0;

    text-decoration: none;

    color:#fff;

    outline: none;

    padding: 7px 15px;

    margin-top: 30px;

    display: inline-block;

}

.optionBox span.right{

    background-color: rgb(74, 206, 57);

    border-color: chartreuse;

    color:cornsilk;

}

.optionBox span.wrong{

    background-color: crimson;

    border-color:crimson;

    color:cyan;

}

.container1{

    background-color: antiquewhite;

}

span:hover{

    background-color: rgb(241, 241, 79);

}

@media screen and (max-width:768px){

    .leftSide{

        display: none;

    }

    .container{

        width: 425px;

    }

    .rightSide{

        width:100px;

    }

    .optionBox{

        grid-template-columns: 1fr;

    }

}

SCRIPT.JS

let index=0;

let attempt= 0;

let score = 0;

let wrong =0;

let questions=quiz.sort(function(){

   return 0.5 - Math.random();

});

let totalQuestion = questions.length;

$(function(){

  //printing question

  printQuestion(index);

});

//this is the function to print question part

function printQuestion(i){

    $(".questionBox").text(questions[i].question);

    $(".optionBox span").eq(0).text(questions[i].option[0]);

    $(".optionBox span").eq(1).text(questions[i].option[1]);

    $(".optionBox span").eq(2).text(questions[i].option[2]);

    $(".optionBox span").eq(3).text(questions[i].option[3]);

}

function checkAnswer(option) {

  attempt ++;

  let optionClicked = $(option).data("opt");

  if(optionClicked == questions[index].answer) {

    $(option).addClass("right");

    score++;

  }

  else{

    $(option).addClass("wrong");

    wrong++;

  }

  $(".scoreBox span").text(score);

  $(".optionBox span").attr("onclick","");

}

function showNext(){

  if(index >= questions.length-1) {

    showResult(0);

    return;

  }

  index++;

  $(".optionBox span").removeClass();

  $(".optionBox span").attr("onclick","checkAnswer(this)");

  printQuestion(index);

}

function showResult(j){

  if(j==1 && index < questions.length-1 && !confirm(

      "Quiz is not yet finished. Press OK to skip")

  ) {

    return;

  }

result();

}

function result() {

  $("#questionScreen").hide();

  $("#resultScreen").show();

  $("#totalQuestion").text(totalQuestion);

  $("#attemptQuestion").text(attempt);

  $("#correctAnswers").text(score);

  $("#wrongAnswers").text(wrong);

}

Quiz.JS

let quiz=[

    {

        question:"How many legs does a spider have?",

        option:[

            "1.two",

            "2.eight",

            "3.five",

           "4.seven",

        ],

        answer:2,

    },

    {

        question:"What is something you hit with a hammer?",

        option:[

            "1.nail",

            "2.head",

            "3.tyre",

            "4.ball",

        ],

        answer:1,

    },

    {

        question:"If you freeze water, what do you get?",

        option:[

            "1.frozen water",

            "2.nothing",

            "3.a rock",

           "4.ice",

        ],

        answer:4,

    },

    {

        question:"How many planets are there in our solar system?",

        option:[

            "1.four",

            "2.eight",

            "3.ten",

            "4.six",

        ],

        answer:2,

    },

    {

        question:"How many pairs of wings do bees have?",

        option:[

            "1.one",

            "2.two",

            "3.four",

            "4.six",

        ],

        answer:2,

    }

]

Screen Shots













