**Final Project**

**Question-1)**

**Code:**

**HTML**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Edureka Quiz</title>

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Nunito">

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

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

    <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.7.2/jquery-ui.min.js"></script>

    <script src="https://cdn.jsdelivr.net/jquery.validation/1.15.1/jquery.validate.min.js"></script>

    <script src="quiz.js"></script>

</head>

<body>

    <h1>Edureka! Quiz</h1>

    <div id="percentage"></div>

    <br>

    <form id="quiz"name="quiz">

        <p id="ques1">What is 44+55?</p>

        <input type="radio" name="question1" value="11"/><span id="11">11</span>

        <input type="radio" name="question1" value="55"/><span id="55">55</span></br>

        <input type="radio" name="question1" value="88"/><span id="88">88</span>

        <input type="radio" name="question1" value="99"/><span id="a1">99</span>

        <p id="ques2">Study of the structure of body is called\_\_\_\_\_\_</p>

        <input type="radio" name="question2" value="Anatomy"/><span id="a2">Anatomy</span>

        <input type="radio" name="question2" value="Biology"/><span id="Biology">Biology</span></br>

        <input type="radio" name="question2" value="Psychology"/><span id="Psychology">Psychology</span>

        <input type="radio" name="question2" value="Botany"/><span id="Botany">Botany</span>

        <p id="ques3">The capital of India is\_\_\_\_\_\_</p>

        <input type="radio" name="question3" value="Mumbai"/><span id="Mumbai">Mumbai</span>

        <input type="radio" name="question3" value="Delhi"/><span id="a3">Delhi</span></br>

        <input type="radio" name="question3" value="Kolkata"/><span id="Kolkata">Kolkata</span>

        <input type="radio" name="question3" value="Bangalore"/><span id="Bangalore">Bangalore</span></br>

        <input id="button" type="button" value="I'm finished!" onclick="check();">

    </form>

        <div id="after\_submit">

            <p id="number\_correct"></p>

            <p id="message"></p>

            <img id="picture" width="400px">

        </div>

</body>

</html>

**CSS:**

body{

    font-family: 'Tangerine';

    font-style: 'Tangerine';

}

:checked{

    color: green

}

h1{

    color: greenyellow;

    font-size: 40px;

    text-align: center;

}

#quiz{

    margin-left: 40px;

    font-size: 30px;

    background: #d2def2;

    padding: 10px 40px 40px 10px 40px;

    width: 800px;

    border-radius: 20px;

    float: left;

}

input{

    margin-bottom: 20px;

}

#textbox{

    height: 25px;

    font-size: 16px;

    border-radius: 5px;

    border: none;

    padding-left: 5px;

}

#button{

    background: green;

    border: none;

    border-radius: 5px;

    padding: 10px;

    color: white;

    font-size: 16px;

    transition-duration: .5s;

    margin-top: 15px;

}

#button:hover{

    background: white;

    border: 1px solid green;

    color: black;

    cursor: pointer;

}

#after\_submit{

    visibility: hidden;

    background: greenyellow;

    padding: 10px 20px 10px 20px;

    width: 400px;

    border-radius: 20px;

    float: left;

    margin-left: 20px;

    font-size: 30px;

}

**JavaScript:**

$(document).ready(function()

{

    $('[name\*=question]').click(function() {

        var totalChecked= 0;

        var totalRadioGroups= 0;

        var previousName= '';

        $.each($('[name\*=question]'), function(index, value) {

            var radioName= $(this).attr('name');

            var radioId= this.id;

            if(previousName!= radioName) {

                totalRadioGroups++;

            }

            if($('#'+ radioId).is(':checked')) {

                totalChecked++;

            }

            previousName= radioName;

        });

    });

});

function check() {

    var question1= document.quiz.question1.value;

    var question2= document.quiz.question2.value;

    var question3= document.quiz.question3.value;

    var correct= 0;

    if(question1== "99") {

        correct++;

    }

    if(question2== "Anatomy") {

        correct++;

    }

    if(question3== "Delhi") {

        correct++;

    }

    var pictures= ["img/excellent.gif", "img/good.gif", "img/poor.gif"];

    var messages= ["Excellent, Great Job", "Good, Thats Okay", "Poor, You really need to do better"];

    var score;

    if(correct== 0) {

        score= 2;

    }

    if(correct> 0&& correct< 3) {

        score= 1;

    }

    if(correct== 3) {

        score= 0;

    }

    document.getElementById("after\_submit").style.visibility= "visible";

    document.getElementById("message").innerHTML= messages[score];

    document.getElementById("number\_correct").innerHTML= "You got "+ correct+ " correct.";

    document.getElementById("picture").src= pictures[score];

    if(question1!= "99") {

        document.getElementById(""+ question1).style.backgroundColor= "red";

        document.getElementById("a1").style.backgroundColor= "Yellow";

    }

    else document.getElementById("a1").style.backgroundColor= "Yellow";

    if(question3!= "Delhi") {

            document.getElementById("a3").style.backgroundColor= "Yellow";

            document.getElementById(""+ question3).style.backgroundColor= "red";

    }

    else document.getElementById("a3").style.backgroundColor= "Yellow";

    if(question2!= "Anatomy") {

        document.getElementById(""+ question2).style.backgroundColor= "red";

        document.getElementById("a2").style.backgroundColor= "Yellow";

    }

    else document.getElementById("a2").style.backgroundColor= "Yellow";}

**Question-2)**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Railway Reservation</title>

    <script src="C:\Users\Hp user\Desktop\Edureka\JavaScript and JQuery\Project-2\node\_modules\jquery\dist\jquery.min.js"></script>

    <script src="C:\Users\Hp user\Desktop\Edureka\JavaScript and JQuery\Project-2\node\_modules\jquery-validation\dist\jquery.validate.min.js"></script>

    <script src="C:\Users\Hp user\Desktop\Edureka\JavaScript and JQuery\Project-2\node\_modules\jquery-validation\dist\additional-methods.min.js"></script>

</head>

<body bgcolor="yellow">

    <div class="container">

        <h2 align="middle" size=25px>Railway Reservation</h2>

        <form action="" name="registration">

            <label for="firstname">First Name</label>

            <input type="text" name="firstname" id="firstname" placeholder="John"/>

            <br>

            <br>

            <label for="lastname">Last Name</label>

            <input type="text" name="lastname" id="lastname" placeholder="Doe"/>

            <br>

            <br>

            <label for="email">Email</label>

            <input type="email" name="email" id="email" placeholder="john@doe.com"/>

            <br>

            <br>

            <label for="password">Password</label>

            <input type="password" name="password" id="password" placeholder="&#9679;&#9679;&#9679;&#9679;&#9679;"/>

            <br>

            <br>

            <label for="age">Age</label>

            <input type="text" name="age" id="age" placeholder="Enter Age" requiredmax="60"/>

            <br>

            <br>

            <label for="source">Source</label>

            <input type="text" name="source" id="source" placeholder="Enter Boarding Details" required/>

            <label for="dest">Destination</label>

            <input type="dest" name="dest" id="dest" placeholder="Enter Destination" required/>

            <br>

            <br>

            <label

            for="tnum">Train number</label>

            <input type="tnum" name="tnum" id="tnum" placeholder="Enter Train number" required/>

            <br>

            <br>

            <button type="submit" name="submit" onsubmit="validate()">Register</button>

            </form>

            </div>

            <script>

                $(function() {

                    $("form[name='registration']").validate({

                    // Specify validation rules

                        rules:{

                            firstname:"required",

                            lastname:"required",

                        email:{

                            required:true,

                            // Specify that email should be validated// by the built-in "email" rule

                            email:true

                        },

                        password:{

                            required:true,

                            minlength:5

                        },

                        source:{

                            required:true

                        },

                        dest:{

                            required:true

                        },

                        age:{

                            max:60

                        },

                        tnum:{

                            required:true

                        }

                    },

                    // Specify validation error messages

                    messages:{

                        firstname:"Please enter your firstname",

                        lastname:"Please enter your lastname",

                        password:{

                            required:"Please provide a password",

                            minlength:"Your password must be at least 5 characters long"

                            },

                            email:{

                                email:"Please enter a valid email address",

                                reqired:"Please enter email address"

                            },

                            source:{

                                required:"Please Enter Source "

                            },

                            dest:{

                                required:"Please enter destination to be reached "

                            },

                            age:{

                                max:"The passenger is senior citizen. TAKE CARE"

                            },

                            tnum:{

                                required:"enter train number to be boarded"

                                }

                            },

                            submitHandler:function(form) {

                                    form.submit();

                                    }

                            });

                        });

                    </script>

                </body>

</html>