

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>
    <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>
```

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        <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">Delh
i</span></br>
        <input type="radio" name="question3" value="Kolkata"/><span id="Kolkat
a">Kolkata</span>
        <input type="radio" name="question3" value="Bangalore"/><span id="Bang
alore">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{

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```

    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) {

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        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" req
        uiredmax="60" />
        <br>
        <br>
        <label for="source">Source</label>
        <input type="text" name="source" id="source" placeholder="Enter Bo
        arding Details" required />
        <label for="dest">Destination</label>
        <input type="text" name="dest" id="dest" placeholder="Enter Destin
        ation" required />
        <br>
        <br>
        <label
        for="tnum">Train number</label>
        <input type="text" name="tnum" id="tnum" placeholder="Enter Train
        number" required />
        <br>
        <br>
        <button type="submit" name="submit" onclick="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",
        required:"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>
```