

PRACTICAL 7

Aim :

Design a website that displays a quiz for user and calculates the score using JavaScript.

Code :

```
<html>
<head>
<style type = "text/css"> .bgclr {
    background-color : white;
    color : black;
    font-weight : bold; }
</style>
<title>Football Quiz</title>
<script type = "text/javascript">
var numQues = 5;
var numChoi = 3;
var answers = new Array(5);
answers[0] = "Spain";
answers[1] = "Red";
answers[2] = "18 Yards";
answers[3] = "Red And Yellow";
answers[4] = "The Penalty Spot";
function getScore(form)
{
    var score = 0;
    var currElt;
    var currSelection;
    for(i = 0; i < numQues; i++) {
        currElt = i * numChoi;
        for(j = 0; j < numChoi; j++) {
            currSelection = form.elements[currElt + j];
            if(currSelection.checked) {
                if(currSelection.value == answers[i]) {
                    score++;
                    break; }
            }
        }
    }
    score = Math.round(score / numQues * 100);
    form.percentage.value = score + "%";
    var correctAnswers = "";
    for(i = 1; i <= numQues + 1; i++) {
        solutions = document.getElementById("solutions");
        solutions.innerHTML = correctAnswers;
        correctAnswers += i + ". " + answers[i - 1] + " "; }
}
```

```
</script>
</head>
<body>
<form name = "Football Quiz">

1. Real Madrid Plays Football In Which European Country ?
<ul style = "margin-top : 1pt">
<li><input type = "radio" name = "q1" value = "Germany">Germany</li>
<li><input type = "radio" name = "q1" value = "England">England</li>
<li><input type = "radio" name = "q1" value = "Spain">Spain</li>
</ul>

2. What Is The Colour Of Manchester United's Home Jersey ?
<ul style = "margin-top : 1pt">
<li><input type = "radio" name = "q2" value = "Red">Red</li>
<li><input type = "radio" name = "q2" value = "Blue">Blue</li>
<li><input type = "radio" name = "q2" value = "White">White</li>
</ul>

3. The Penalty Area Is Usually How Far Away From The Touchline ?
<ul style = "margin-top : 1pt">
<li><input type = "radio" name = "q3" value = "15 Yards">15 Yards</li>
<li><input type = "radio" name = "q3" value = "18 Yards">18 Yards</li>
<li><input type = "radio" name = "q3" value = "20 Yards">20 Yards</li>
</ul>

4. What Colour Cards Do The Referee Carry In A Football Match ?
<ul style = "margin-top : 1pt">
<li><input type="radio" name="q4" value="RedAndYellow">RedAndYellow</li>
<li><input type="radio" name="q4" value="BlackAndWhite">BlackAndWhite</li>
<li><input type="radio" name="q4" value="RedAndGreen">RedAndGreen</li>
</ul>

5. A Spot Kick Is Taken From Where ?
<ul style = "margin-top : 1pt">
<li><input type="radio" name="q5" value="TheCentreSpot">TheCentreSpot</li>
<li><input type="radio" name="q5" value="TheInkSpot">TheInkSpot</li>
<li><input type="radio" name="q5" value="ThePenaltySpot">ThePenaltySpot</li>
</ul>

<input type = "button" value = "GetScore" onClick = "getScore(this.form)">
<input type = "reset" value = "Clear">
<p> Score = <strong><input class = "bgclr" type = "text" size = "5"
name = "percentage" disabled></strong><br><br>
Correct Answers : <br>

<p class = "bgclr" id = "solutions" disabled></p>
</textarea>
</form>
</body>
</html>
```

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Screen Shots :

Football Quiz

File | C:/Users/alama/Desktop/webpracticals/aft7.html

Apps

1. Real Madrid Plays Football In Which European Country ?
 - ☐ Germany
 - ☐ England
 - ☐ Spain
2. What Is The Colour Of Manchester United's Home Jersey ?
 - ☐ Red
 - ☐ Blue
 - ☐ White
3. The Penalty Area Is Usually How Far Away From The Touchline ?
 - ☐ 15 Yards
 - ☐ 18 Yards
 - ☐ 20 Yards
4. What Colour Cards Do The Referee Carry In A Football Match ?
 - ☐ Red And Yellow
 - ☐ Black And White
 - ☐ Red And Green
5. A Spot Kick Is Taken From Where ?
 - ☐ The Centre Spot
 - ☐ The Ink Spot
 - ☐ The Penalty Spot

GetScore Clear

Score =

Correct Answers :

Football Quiz

File | C:/Users/alama/Desktop/webpracticals/aft7.html

Apps

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 - ☒ Red And Yellow
 - ☐ Black And White
 - ☐ Red And Green
5. A Spot Kick Is Taken From Where ?
 - ☒ The Centre Spot
 - ☐ The Ink Spot
 - ☐ The Penalty Spot

GetScore Clear

Score =

Correct Answers :

1. Spain 2. Red 3. 18 Yards 4. Red And Yellow 5. The Penalty Spot