**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><inputtype="radio"name="q5"value="TheCentreSpot">TheCentreSpot</li>

<li><inputtype="radio"name="q5"value="TheInkSpot">TheInkSpot</li>

<li><inputtype="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>

**Screen Shots :**



