import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class servlet extends HttpServlet {

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String q1 = request.getParameter("q1");

String q2 = request.getParameter("q2");

String q3 = request.getParameter("q3");

String q4 = request.getParameter("q4");

String username = request.getParameter("username");

int score = 0;

if ("Ottawa".equals(q1)) {

score++;

}

if ("Mars".equals(q2)) {

score++;

}

if ("Shakespeare".equals(q3)) {

score++;

}

if ("Diamond".equals(q4)) {

score++;

}

response.setContentType("text/html");

PrintWriter out=response.getWriter();

out.println("<html><body>");

out.println("<h2>Your Exam Results</h2>");

out.println("<b>Name:</b> " + username + "</br>");

out.println("<b>Your Score:</b> " + score + "</br>");

out.println("1: " + q1 + "</br>");

out.println("2: " + q2 + "</br>");

out.println("3: " + q3 + "</br>");

out.println("4: " + q4 + "</br>");

out.println("</body></html>");

}

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

@Override

public String getServletInfo() {

return "This servlet processes the quiz answers and displays the result.";

}

}

<html>

<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

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

<title>Online Quiz System</title>

<style>

.exam{

border: solid;

}

</style>

</head>

<center>

<body>

<h2>Online Quiz</h2>

<h4>Duration:15 minutes</h4>

<h4>Total marks:4</h4>

<div class="exam">

<h3>MCQ</h3>

<form action="servlet" method="post">

Name:<input type="text" name="username" required><br><br>

1.What is the capital city of Canada?<br><br>

<input type="radio" name="q1" value="Ottawa" required>Ottawa<br>

<input type="radio" name="q1" value="Toronto">Toronto<br>

<input type="radio" name="q1" value="Paris">Paris<br><br>

2.Which planet is known as the Red Planet?<br><br>

<input type="radio" name="q2" value="Earth" required>Earth<br>

<input type="radio" name="q2" value="Mars">Mars<br>

<input type="radio" name="q2" value="Jupiter">Jupiter<br><br>

<h3>Answer the following one words</h3>

3.Who wrote Romeo and Juliet?<br><br>

<input type="text" name="q3" required><br><br>

4.What is the hardest natural substance on Earth?<br><br>

<input type="text" name="q4" required><br><br>

<input type="submit" value="Submit">

</form></div>

</center> </body>

</html>



