**Q1**

**A and D are well formed**

**B and C are wrong because root element is missing.**

**Q2**

<?xml version="1.0" encoding="UTF-8"?>
<**Schedule**>

<class>
  <Title>IT230</title>
   <Start time>06 PM</Start time>
   <End time>08 PM</End time>
  < **Instructor**>Dr.Ali</**Instructor**>

</class>

<class>
 <Title>x</title>
   <Start time>x</Start time>
   <End time>x</End time>
  < **Instructor**>x</**Instructor**>

</class>

</**Schedule**>

**Q3**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

 pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

</head>

<body>

<%@page import=*"java.util.\*"* %>

<%**int** mark=Integer.parseInt(request.getParameter("mark"));%>

<%String fullname=request.getParameter("fullname");%>

<h2><b>

<%

 String output="";

 **if**(mark>100)

 output="Error, Mark should not exceed 100";

 **else** **if**(mark>=60)

 output="Congratulations you have passed, "+fullname;

 **else** **if**(mark<60)

 output="Sorry you have not passed, "+fullname;

 out.print(output);

%>

</b></h2>

</body>

</html>

**Q4**

|  |
| --- |
| <!DOCTYPE html><html><body><form action=*"Q4"* method=*"GET"*>FirstName:<br><input type=*"text"* name=*"firstname"*><br>LastName:<br><input type=*"text"* name=*"lastname"*><br><br><input type=*"submit"* value=*"Submit"*></form></body></html> |
| import java.io.IOException;import java.io.PrintWriter;import javax.servlet.ServletException;import javax.servlet.annotation.WebServlet;import javax.servlet.http.HttpServlet;import javax.servlet.http.HttpServletRequest;import javax.servlet.http.HttpServletResponse;@WebServlet("/Q4")public class Q4 extends HttpServlet { private static final long serialVersionUID = 1L; public Q4() { super(); } protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out=response.getWriter(); String firstname=request.getParameter("firstname"); String lastname=request.getParameter("lastname"); String name=firstname+" "+lastname;  out.println("<html>\n" + "<head></head>\n" + "<body>\n" + "<h2><b>Hello, "+name + "</b></h2>\n" + "</body></html>"); }} |