**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>");  }  } |