Register\_1.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Guru Registration Form</title>
8. </head>
9. <body>
10. <h1>Guru Register Form</h1>
11. <form action="guru\_register" method="post">
12. <table style="with: 50%">
13. <tr>
14. <td>First Name</td>
15. <td><input type="text" name="first\_name" /></td>
16. </tr>
17. <tr>
18. <td>Last Name</td>
19. <td><input type="text" name="last\_name" /></td>
20. </tr>
21. <tr>
22. <td>UserName</td>
23. <td><input type="text" name="username" /></td>
24. </tr>
25. <tr>
26. <td>Password</td>
27. <td><input type="password" name="password" /></td>
28. </tr>
29. <tr>
30. <td>Address</td>
31. <td><input type="text" name="address" /></td>
32. </tr>
33. <tr>
34. <td>Contact No</td>
35. <td><input type="text" name="contact" /></td>
36. </tr></table>
37. <input type="submit" value="Submit" /></form>
38. </body>
39. </html>

Guru\_register.java

1. package demotest;
3. import java.io.IOException;
5. import javax.servlet.RequestDispatcher;
6. import javax.servlet.ServletException;
7. import javax.servlet.http.HttpServlet;
8. import javax.servlet.http.HttpServletRequest;
9. import javax.servlet.http.HttpServletResponse;
11. /\*\*
12. \* Servlet implementation class guru\_register
13. \*/
14. public class guru\_register extends HttpServlet {
15. private static final long serialVersionUID = 1L;

18. protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
19. // TODO Auto-generated method stub
20. String first\_name = request.getParameter("first\_name");
21. String last\_name = request.getParameter("last\_name");
22. String username = request.getParameter("username");
23. String password = request.getParameter("password");
24. String address = request.getParameter("address");
25. String contact = request.getParameter("contact");
27. if(first\_name.isEmpty() || last\_name.isEmpty() || username.isEmpty() ||
28. password.isEmpty() || address.isEmpty() || contact.isEmpty())
29. {
30. RequestDispatcher req = request.getRequestDispatcher("register\_1.jsp");
31. req.include(request, response);
32. }
33. else
34. {
35. RequestDispatcher req = request.getRequestDispatcher("register\_2.jsp");
36. req.forward(request, response);
37. }
38. }
40. }}

Register\_2.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Guru Success Page</title>
8. </head>
9. <body>
10. <a><b>Welcome User!!!!</b></a>
11. </body>
12. </html>

Register\_3.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Guru Login Form</title>
8. </head>
9. <body>
10. <form action="guru\_login" method="post">
11. <table style="with: 50%">
13. <tr>
14. <td>UserName</td>
15. <td><input type="text" name="username" /></td>
16. </tr>
17. <tr>
18. <td>Password</td>
19. <td><input type="password" name="password" /></td>
20. </tr>
21. </table>
22. <input type="submit" value="Login" /></form>
23. </body>
24. </html>

Guru\_login.java(servlet)

1. package demotest;
3. import java.io.IOException;
5. import javax.servlet.RequestDispatcher;
6. import javax.servlet.ServletException;
7. import javax.servlet.http.HttpServlet;
8. import javax.servlet.http.HttpServletRequest;
9. import javax.servlet.http.HttpServletResponse;
11. /\*\*
12. \* Servlet implementation class guru\_login
13. \*/
14. public class guru\_login extends HttpServlet {
16. public guru\_login() {
17. super();
18. // TODO Auto-generated constructor stub
19. }
21. protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
22. // TODO Auto-generated method stub
23. String username = request.getParameter("username");
24. String password = request.getParameter("password");
25. if(username.isEmpty() || password.isEmpty() )
26. {
27. RequestDispatcher req = request.getRequestDispatcher("register\_3.jsp");
28. req.include(request, response);
29. }
30. else
31. {
32. RequestDispatcher req = request.getRequestDispatcher("register\_4.jsp");
33. req.forward(request, response);
34. }
35. }
37. }

Register\_4.jsp >

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Guru Logged In</title>
8. </head>
9. <body>
10. <table style="with: 50%">
11. <tr><td>
12. <% String username = request.getParameter("username"); %>
13. <a>Welcome <% out.println(username); %> User!!!! You have logged in.</a></td></tr>
14. <tr></tr><tr><td></td><td></td><td><a href="register\_3.jsp"><b>Logout</b></a></td></tr>
15. </table>
16. </body>
17. </html>

Action\_file.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Guru File</title>
8. </head>
9. <body>
10. <a>Guru File Upload:</a>
11. Select file: <br />
12. <form action="action\_file\_upload.jsp" method="post"
13. enctype="multipart/form-data">
14. <input type="file" name="file" size="50" />
15. <br />
16. <input type="submit" value="Upload File" />
17. </form>
18. </body>
19. </html>

Action\_file\_upload.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <%@ page import="java.io.\*,java.util.\*, javax.servlet.\*" %>
4. <%@ page import="javax.servlet.http.\*" %>
5. <%@ page import="org.apache.commons.fileupload.\*" %>
6. <%@ page import="org.apache.commons.fileupload.disk.\*" %>
7. <%@ page import="org.apache.commons.fileupload.servlet.\*" %>
8. <%@ page import="org.apache.commons.io.output.\*" %>
9. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
10. <html>
11. <head>
12. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
13. <title>Guru File Upload</title>
14. </head>
15. <body>
16. <%
17. File file ;
18. int maxFileSize = 5000 \* 1024;
19. int maxMemSize = 5000 \* 1024;
20. String filePath = "E:/guru99/data";
22. String contentType = request.getContentType();
23. if ((contentType.indexOf("multipart/form-data") >= 0)) {
25. DiskFileItemFactory factory = new DiskFileItemFactory();
26. factory.setSizeThreshold(maxMemSize);
27. factory.setRepository(new File("c:\\temp"));
28. ServletFileUpload upload = new ServletFileUpload(factory);
29. upload.setSizeMax( maxFileSize );
30. try{
31. List fileItems = upload.parseRequest(request);
32. Iterator i = fileItems.iterator();
33. out.println("<html>");
34. out.println("<body>");
35. while ( i.hasNext () )
36. {
37. FileItem fi = (FileItem)i.next();
38. if ( !fi.isFormField () ) {
39. String fieldName = fi.getFieldName();
40. String fileName = fi.getName();
41. boolean isInMemory = fi.isInMemory();
42. long sizeInBytes = fi.getSize();
43. file = new File( filePath + "yourFileName") ;
44. fi.write( file ) ;
45. out.println("Uploaded Filename: " + filePath + fileName + "<br>");
46. }
47. }
48. out.println("</body>");
49. out.println("</html>");
50. }catch(Exception ex) {
51. System.out.println(ex);
52. }
53. }else{
54. out.println("<html>");
55. out.println("<body>");
56. out.println("<p>No file uploaded</p>");
57. out.println("</body>");
58. out.println("</html>");
59. }
60. %>
61. </body>
62. </html>

Uploading\_1.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Guru Uploading File</title>
8. </head>
9. <body>
10. File: <br />
11. <form action="guru\_upload" method="post"
12. enctype="multipart/form-data">
13. <input type="file" name="guru\_file" size="50" />
14. <br />
15. <input type="submit" value="Upload" />
16. </form>
17. </body>
18. </html>

Guru\_upload.java

1. package demotest;
3. import java.io.File;
4. import java.io.IOException;
5. import java.util.List;
7. import javax.servlet.ServletException;
8. import javax.servlet.http.HttpServlet;
9. import javax.servlet.http.HttpServletRequest;
10. import javax.servlet.http.HttpServletResponse;
12. import org.apache.commons.fileupload.FileItem;
13. import org.apache.commons.fileupload.disk.DiskFileItemFactory;
14. import org.apache.commons.fileupload.servlet.ServletFileUpload;
16. public class guru\_upload extends HttpServlet {
17. private static final long serialVersionUID = 1L;
19. public guru\_upload() {
20. super();
21. // TODO Auto-generated constructor stub
22. }
23. protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
24. if(ServletFileUpload.isMultipartContent(request)){
25. try {
26. List <FileItem> multiparts = new ServletFileUpload(new DiskFileItemFactory()).parseRequest(request);
27. for(FileItem item : multiparts){
28. if(!item.isFormField()){
29. String name = new File(item.getName()).getName();
30. item.write( new File("c:/guru/upload" + File.separator + name));
31. }
32. }
33. //File uploaded successfully
34. request.setAttribute("gurumessage", "File Uploaded Successfully");
35. } catch (Exception ex) {
36. request.setAttribute("gurumessage", "File Upload Failed due to " + ex);
37. }
38. }else{
40. request.setAttribute("gurumessage","No File found");
41. }
42. request.getRequestDispatcher("/result.jsp").forward(request, response);
44. }

47. }

Result.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Guru Result</title>
8. </head>
9. <body>
10. <% String msg = (String)request.getAttribute("message");
11. out.println(msg);
12. %>
13. </body>
14. </html>

Downloading\_1.jsp

1. <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2. pageEncoding="ISO-8859-1"%>
3. <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4. <html>
5. <head>
6. <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7. <title>Downloading Guru Example</title>
8. </head>
9. <body>
10. Guru Downloading File<a href="guru\_download">Download here!!!</a>
11. </body>
12. </html>

Guru\_download.java

1. package demotest;
3. import java.io.FileInputStream;
4. import java.io.IOException;
5. import java.io.PrintWriter;
7. import javax.servlet.ServletException;
8. import javax.servlet.http.HttpServlet;
9. import javax.servlet.http.HttpServletRequest;
10. import javax.servlet.http.HttpServletResponse;
12. /\*\*
13. \* Servlet implementation class guru\_download
14. \*/
15. public class guru\_download extends HttpServlet {
16. private static final long serialVersionUID = 1L;
18. protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
19. response.setContentType("text/html");
20. PrintWriter out = response.getWriter();
21. String gurufile = "test.txt";
22. String gurupath = "c:/guru/upload/";
23. response.setContentType("APPLICATION/OCTET-STREAM");
24. response.setHeader("Content-Disposition", "attachment; filename=\""
25. + gurufile + "\"");
27. FileInputStream fileInputStream = new FileInputStream(gurupath
28. + gurufile);
30. int i;
31. while ((i = fileInputStream.read()) != -1) {
32. out.write(i);
33. }
34. fileInputStream.close();
35. out.close();
36. }

39. /\*\*
40. \* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
41. \*/
42. protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
43. // TODO Auto-generated method stub
44. }
46. }















