14043-11-5E AID: 258164 | 29/09/2020

**Following show planning to solve the programming example of collection of popular song:**

1. Create html file with name “song collection.html”, and java servlet file with name “Song.jsp”.
2. In html file, create form with fields such as composer name, artist name and submit button.
3. In servlet file, import packages of servlet. Class song extend through httpServlet.
4. To run this files, first Start the Tomcat server.
5. Start your browser if it is not already running.
6. In the address area of the browser, type http://localhost:8080/Song.jsp and submit that address to the browser.
7. The output of your JSP page will be displayed on web browser .

**Following show the code of given problem:**

HTML FILE:

“song collection.html”

<!DOCTYPE html>

<html>

<head>

<title>Song Collection</title>

</head>

<body style="background-color:pink;">

<center>

<form method="POST" action="song">

<input type="text" name="Sname" id ="sname" placeholder="Song\_Name">

<br>

<br>

<input type="text" name="Cname" id="cname" placeholder="Composer\_Name">

<br>

<br>

<input type="text" name="Aname" placeholder="Artist\_Name"> <br> <br>

<center>

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

</center>

</form>

</center>

</body>

</html>

SERVLET FILE:

“Song.java”

import java.io.FileReader;

import java.io.FileWriter;

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(urlPatterns={"/song"})

public class song extends HttpServlet{ protected void service(HttpServletRequest request,HttpServletResponse response)

throws ServletException, I0Exception{

response.setContentType("text/html;charset-UTF-8");

PrintWriter out=response.getWriter();

String sname=request.getParameter("Sname");

String cname=request.getParameter("Cname");

String singer=request.getParameter("Aname");

String Song\_file="E://songs.txt";

try

{

FileWriter fw=new FileWriter(Song\_file,true);

fw.write("#SONG NAME\n");

fw.write(sname);

fw.write("lnit#COMPOSER NAME\n");

fw.write(cname);

fw.write(" VI");

fw.write("###ARTIST NAME\n");

fw.write(singer);

fw.closeO;

}

catch(Exception e)

{

System.out.println(e);

}

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet song</title>");

out.println("</head>");

out.println("<body>");

out.println("<h1>Contents are written to the file</h1>" +Song\_file);

FileReader fr=new FileReader(Song\_file);

int i;

while((i=fr.read())!=-1)

out.println((char)i);

fr.close();

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

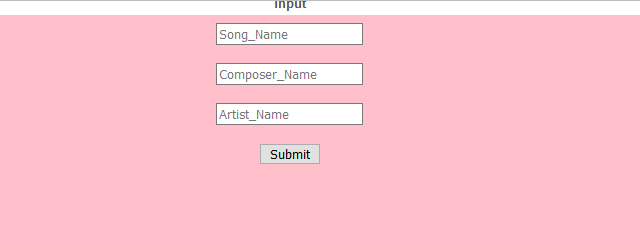
out.println("</html");

}

}

**The output of the above code:**

Output of html file:

****