Create a servlet based web project to auto refresh a page using HttpServlet [AC]. Your project must fulfil the given requirements:

SOURCE CODE:

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

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1"> <title>Insert title here</title> </head>

<body>
<form action="refresh" method="get">

<input type="text" name="username" placeholder="Enter Username"> <input
type="text" name="password" placeholder="Enter Password"> <input
type="submit" value="Login"><br/>

</form> </body>

</html>
```

```java
import java.io.IOException;
import java.io.PrintWriter;
import java.util.Calendar;
import java.util.GregorianCalendar;

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("/Practical10")
public class Practical10 extends HttpServlet {

        private static final long serialVersionUID = 1L;
        protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

                response.setIntHeader("Refresh",1); response.setContentType("text/html");

                Calendar calendar=new GregorianCalendar(); int hour=calendar.get(Calendar.HOUR);

                int minute=calendar.get(Calendar.MINUTE); int second=calendar.get(Calendar.SECOND);

                String am_pm; if(calendar.get(Calendar.AM_PM)==0)

                        am_pm="AM";

                else

                        am_pm="PM";

                PrintWriter out=response.getWriter();

                out.println("<br>Heading: " + getServletContext().getInitParameter("headingOfTheProject"));

                out.println("<br>Address:" + getInitParameter("address"));
                out.println("<br><br><br>Auto Refresh Page<br>");
                out.println("Current time: "+ hour + ":" + minute + ":" + second + " " + am_pm);

        }
```

}

Web.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee" xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web- app_3_0.xsd" id="WebApp_ID" version="3.0">

<display-name>Servlets</display-name>

<context-param> <param-name>headingOfTheProject</param-name>

<param-value>Practical10</param-value> </context-param>

<servlet>

<servlet-name>Practical10</servlet-name> <servlet-class>com.de.Practical10</servlet-class>

<init-param>
<param-name>address</param-name> <param-value>Delhi</param-value>

</init-param> </servlet>

<servlet-mapping> <servlet-name>Practical10</servlet-name>

<url-pattern>/refresh</url-pattern> </servlet-mapping>

</web-app>
```