**Practical-4.12**

**Aim:**  **Time Updater in Servlet**  
In this program we are going to make one program on servlet which will keep on updating the time in every second and the result will be displayed to you.

**Description**: This servlet program displays and updates time for every second. Here we have displyed 2 different time that the clock of program shows after a certain interval of time.

**Code:**

**import** java**.**io**.\*;**

**import** javax**.**servlet**.\*;**

**import** javax**.**servlet**.**http**.\*;**

**import** java**.**util**.\*;**

public class timerefresh **extends** HttpServlet **{**

public void doGet**(**HttpServletRequest request**,**

HttpServletResponse response**)**

**throws** ServletException**,** IOException

**{**

response**.**setIntHeader**(**"Refresh"**,** 1**);**

response**.**setContentType**(**"text/html"**);**

Calendar calendar **=** **new** GregorianCalendar**();**

String am\_pm**;**

int hour **=** calendar**.**get**(**Calendar**.**HOUR**);**

int minute **=** calendar**.**get**(**Calendar**.**MINUTE**);**

int second **=** calendar**.**get**(**Calendar**.**SECOND**);**

**if(**calendar**.**get**(**Calendar**.**AM\_PM**)** **==** 0**)**

am\_pm **=** "AM"**;**

**else**

am\_pm **=** "PM"**;**

String CT **=** hour**+**":"**+** minute **+**":"**+** second **+**" "**+** am\_pm**;**

PrintWriter out **=** response**.**getWriter**();**

String title **=** "Second Refresh using Servlet"**;**

out**.**println**(**

"<html>\n" **+**

"<head><title>" **+** title **+** "</title></head>\n"**+**

"<body>\n"**+**

"<h1>Current Time is: " **+** CT **+** "</h1>\n"**+**

"</body>\n"**+**

"</html>\n"**);**

**}**

public void doPost**(**HttpServletRequest request**,**

HttpServletResponse response**)**

**throws** ServletException**,** IOException **{**

doGet**(**request**,** response**);**

**}**

**}**

**Output**

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