Hands-on Exercise Objective

After completing the hands-on exercises, you will be able to:

- Use the various scripting elements in jsp

Problem Statement 1:

ZBank is new generation bank they are planning to launch their website. They have approached you to create the banking application using jsp. As initial task to test your expertise in jsp programming they have asked you to create a simple welcome screen with a greeting message.

Objective:

Should develop the components as per the requirement below and showcase it to the trainers.

Requirement Description:

The welcome page should be named welcome.jsp. It should have the current date displayed "**dd-MM-yyyy**" format. The page should display a greeting based on the time of the day.

> *if the time is less than 12.00*
> *Print "Good Morning"*
> *Else Print "Good Evening"*

> The bank wishes to use 24hr time format.

Also as a matter of initial promo the bank wishes to keep track of the number of users visiting the site and this value should be displayed to the user.

Develop a jsp page satisfying the above requirements.

The page should look like the screen shot design provided and the following test cases also needs to be executed.

Hints:
- Use the following code for date calculations and use scriptlets

```
java.util.Calendar calendar = new java.util.GregorianCalendar();
java.util.Date date = calendar.getTime();
DateFormat format=new SimpleDateFormat("dd-MM-yyyy");
String dateval=format.format(date);
int hour = calendar.get(Calendar.HOUR_OF_DAY);
```

Use declaration to declare page count variable.

Test Cases: Execute the below test cases after development.

1. **Test case #1:** Access the welcome.jsp it should display the current system date and display the appropriate message.
2. **Test case #2:** As you refresh the JSP page the counter needs to be incremented and should increase for each refresh.

Screen Expected