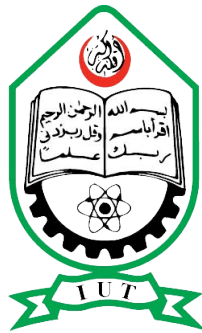

WEB ARCHITECTURE LAB 03 TASKS

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Note: Plagiarism will be severely penalized.

TASK INSTRUCTIONS

Create three separate projects for the three tasks. Name your submitted projects as follows: Lab_03_Task_01_StudentID.zip, Lab_03_Task_02_StudentID.zip and Lab_03_Task_03_StudentID.zip.

Task 1

Write a JSP page named `userinfo.jsp` to enter the Name and Password of a user and display the output to another JSP page named `welcome.jsp`, by using `request.getParameter()` method. Include `header.jsp` and `footer.jsp` in the `welcome.jsp` page. Header page will contain page-counter and footer page will contain copyright information. (Copyright information can be anything you like.)

Task 2

Write an HTML file named `greeter.html` which will take your name as input. When you press the submit button of the HTML page, a JSP page named `welcome.jsp` will be called. `welcome.jsp` will use a java bean called `GreeterBean.java` that contains a method named `greetMeInReverse(String s)`. You have to call the method of that bean from `welcome.jsp` with the argument as a string obtained as a parameter value from the `greeter.html` page (i.e. it will be the name obtained from the previous `greeter.html` page).

This method will reverse the string `s` (e.g. 'Anas' will be converted to 'sanA'). The reversed string will be returned by the method and the `welcome.jsp` page will print a line as follows:

Welcome to the page, sanA

Task 3

Use Servlet and JSP to simulate a 'user login system' using model-2 web architectural pattern. You will have a controller servlet, jsp pages (as many or none as required) and java beans (as

many or none as required).