Department of Computer Science

Gujarat University

Web Technology Assignment II and III

(Java Script, JSP and Bean)

**Submission Date:8th November,2020**

**Assignment – II**

1. Create a JSP file which will display current date and time.
2. Create a JSP page for taking at least three parameters from user and display the details in same page.
3. Create a JSP file which will take user name from parameter passed. If No parameter passed then print “Hello World”.
4. Create a JSP file which will take bgcolor as parameter from user and if none is passed then bgcolor will be set as RED.
5. Write a JSP snippet which prints the number of times the current page has been requested since the server was booted.
6. Create a Method which in JSP will show the addition of two numbers.(Numbers are static in code)
7. Allow the user to enter the name in the textbox and when he click on submit button, print the user name and send the data using GET method. If user click on submit without UserName then ask the user to enter it.
8. Execute the same above program using POST method and list the difference.
9. Make a JSP page that lets the user supply a request parameter indicating the back-ground color. If no parameter is supplied, a background color should be selected at random.
10. Write a JSP file which will greet the day on random basis.
11. Create an application which will show any random number between 1 and 10 (Make proper use of import tag)
12. Create a JSP file which will take number from the user in textbox and divide the number by 5.If any error occurs while performing divisions display the errorPage for the same.
13. Generate 10 random number in the range of 1-10 and print it in the first column of table.If the number generated is even the second column should display-Even Number else Odd number. (Display it in Excel)
14. Create an application that displays the count of number of times any of the page has been accessed by the user. Make atleast 4 different JSP pages.If the user enter the URL of any jsp page for the first time It shows the message-“Welcome You have visited this page for the first time” and next time when user enter the same URL it show the message showing no.of times this JSP page has been visited.
15. Design an application that accepts distance  and the time taken to cover the distance of city A to B ,B to C and C to D from user and finds the speed. If the error occurs, a page Error.jspshould be displayed, otherwise it should call a page showing the full description of journey- Time speed and distance. The output should be in excel format. (Error can be like divide by zero exception . )

**Assignment – III**

1. Create a Jsp page which provides student detail ,store the detail in student bean and show a Jsp page which display all the details.
2. Create a color bean which has attributes userName background and foreground color. Create a Jsp page which ask the user –name and color choices and display the page with user specified colors with a message- Welcome <username>.
3. Create a Jsp page ask user to select Product from drop down menu , enter quantity and show a page bill.jsp which shows the bill in table format. If the bill amount is less than 200 the page should have background color white else green.