

# WTAD Practical Sample Paper -1

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1. Write a java script code to make a calculator.
2. Write a JavaScript code using arrays and generate the current date in words, this should include the day, the month and the year. (e.g. Monday, May 16,2016). **B.** Write a JavaScript to build a marquee (a scrolling text box) in JavaScript and HTML.
3. Develop a windows database application to perform the database operations like record Navigation, insert, delete and search on Student table having following details.

**Database:** Oracle

**Table:** Stud\_Info

**Field Name    Field Type**

Stud_id	Integer
Stud_name	varchar
Stud_city	varchar
Stud_phone	Numeric
Stud_std	Numeric
Stud_div	varchar
Stud_gender	varchar
Stud_bod	date

4. Develop a JSP file which will accept the user input e.g Personal Info, Education etc. and display the same content in MS Excel file.
5. Write a Servlet to display all the attributes available from HttpRequest and Servlet Context.
6. Develop a servlet application for the interest calculation. Consider few dummy rules for Income tax calculation
  - a. If salary < 1,00,000 PA    tax =0
  - b. If salary > 100000 and < 2,00,000 then tax =10%
  - c. If salary is > 2,00,000 PA the 10% on amount less than 2,00,000 and 15 % on amt above 2,00,000
  - d. For female employees provide tax reduction of 4% in all above tax rates.

Prepare a file on server which takes care of this rule. Given salary and gender from the client side, return the actual amount of tax to be paid.

7. Create a web page which displays a list of different items. Create another page using servlet which will display all the selected items by the user. Users may navigate back and forth to select different items and view all items selected by him.
8. Develop a beans application having property named Stu\_ID, Stu\_Program. Use <jsp:useBean> standard action to set and get the beans property **with Application scope**.
9. Develop a web application in JSP with insert, delete and update operations.
  - i. **Database:** Oracle
  - ii. **Table:** Product Info.
  - iii. **Field Name**
  - iv. Prod\_id
  - v. Prod\_name i.e Model Name or number
  - vi. Prod\_category
  - vii. Prod\_price
10. Develop an index.jsp page to import external text file (test.txt) in it using standard tag library of JSTL.