IEC College of Engineering and Technology, Greater Noida
Department of CSE & IT
CS/IT-3A

Web Technology Lab Programs List

Notes- Write any 10-12 programs

1. What do you mean by JAVA Programming Language? Write the steps for JDK installation and path set up. And Print the message "Welcome to Java".
2. Write short notes on the following- JSP, Bootstrap, Firebug, WampServer, MongoDB.
3. Write a java program to implement hierarchical inheritance.
4. Write a java program to implement multiple interfaces.
5. Write a java program to implement a package and display the message "This is My First Package of Java".
6. Write a java program to handle the divideByZero exception handling.
7. Write a program that executes two threads. One thread will print even numbers and another thread will print odd numbers from 1 to 5.
8. Write a Java applet to display the Application Program screen i.e. calculator and other.
9. Write HTML/Java scripts to display your CV in navigator, your Institute website, Department Website and Tutorial website for specific subjects.
10. Write HTML code to develop a web page having two frames that divide the page into two equal rows and divide the first row into two equal columns.
11. Write an HTML program to design an entry form of student details and send it to a database server like SQL, Oracle or MS Access.
12. Writing program in XML for creation of DTD, which specifies a set of rules. Create a style sheet in CSS/ XSL & display the document in internet explorer.
13. Write XML documents of ten third year students. Add their roll numbers, marks obtained in 5 subjects, total marks and percentage and validate using DTD.
14. Write programs using JavaScript for Web Page to display browsers information.
15. Write a JavaScript program to print first N odd numbers divisible by 7.
16. Program to illustrate JDBC connectivity. Program for maintaining databases by sending queries. Design and implement a simple servlet book query with the help of JDBC & SQL. Create MS Access Database, Create on ODBC link, Compile & execute JAVA JDVC Socket.
17. Install TOMCAT web server and APACHE. Access the above developed static web pages for books website, using these servers by putting the web pages developed.
18. Install a database (Mysql or Oracle). Create a table which should contain at least the following fields: name, password, email-id, phone number Write a java program/servlet/JSP

to connect to that database and extract data from the tables and display them. Insert the details of the users who register with the web site, whenever a new user clicks the submit button in the registration page.

19. Write a JSP which inserts the details of the 3 or 4 users who register with the web site by using registration form. Authenticate the user when he submits the login form using the username and password from the database.

File Format

WEB TECHNOLOGY LAB

(KCS – 652)

SESSION (2021-2022)



Department of Computer Science & Engineering/ Information Technology

IEC College of Engineering & Technology, Greater Noida

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