**Department of Computer Science and Engineering**

**United College of Engineering & Research, Prayagraj Dr. A.P.J. Abdul Kalam Technical University**



Web Technology Lab (KCS-652) Practical File

Name:

University Roll No.:

Semester:

Session:

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| **SR.**  **No.** | **Name of Experiment** | **Page Number** | **Date of Evaluation** | **Faculty Signature** |
| **1.** | WAP in java to take input from user by using all the following methods:   * Command Line Arguments * DataInputStream Class * BufferedReader Class * Scanner Class * Console Class |  |  |  |
| **2.** | WAP in java which creates the variable size array (Jagged Array) and print all the values using loop statement. |  |  |  |
| **3.** | WAP in java to implement the following types of inheritance:   * Single Inheritance * Multilevel Inheritance * Hierarchical Inheritance * Hybrid Inheritance |  |  |  |
| **4.** | Create a package named “*Mathematics*” and add a class “*Matrix”* with methods to add and subtract matrices (2x2). Write a Java program importing the Mathematics package and use the classes defined in it. |  |  |  |
| **5.** | WAP in java to implement constructor chaining and constructor overloading. |  |  |  |
| **6.** | “Java does not support multiple inheritance but we can achieve it by interface”. Write a program to justify the above statement. |  |  |  |
| **7.** | WAP in java to demonstrate that finally block is always executed whether exception occurred or not. |  |  |  |
| **8.** | WAP in java which creates two threads, “*Even*” thread and “*Odd*” thread and print the even no using Even Thread and odd no using Odd Thread. |  |  |  |
| **9.** | WAP in java which takes a name of a person as an input from the user implement the followings:   * Find the length of the string. * Create the abbreviation of the name. * Swap the case of all input characters. |  |  |  |
| **10.** | Write a HTML program to display your complete class time table. |  |  |  |
| **11.** | Write a HTML program to display the given nested list. |  |  |  |

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| --- | --- | --- | --- | --- |
| **12** | Write a HTML program to divide your web page using frames |  |  |  |
| **13** | Write an HTML code to demonstrate the usage of inline CSS, internal CSS, external CSS and imported CSS. |  |  |  |
| **14** | Write programs using Java script for Web Page to display browsers information. |  |  |  |
| **15** | Write a Java script to validate Name, Mobile Number, Email Id and Password.   * Name must contain alphabets and whitespace only * Mobile number must be 10 digits only. * Email Id must have one “*@*”, and domain name is “*united.ac.in*” * Password must have atleast one alphabet, one digit and one special character (!@#$%&\*) |  |  |  |
| **16** | Writing program in XML for creation of DTD, which specifies set of rules. Create a style sheet in CSS/ XSL & display the document in internet explorer. |  |  |  |
| **17** | Write a program to implement Math server using TCP socket and also write a client program to send user input to Math server and display response as the square of the given number. |  |  |  |
| **18** | Write a program to illustrate CURD operations using JDBC connectivity with MySQL database. |  |  |  |
| **19** | Write a SQL query to create and call the stored procedures with following specifications:   * Procedure without parameter and no return type * Procedure with parameter and no return type * Procedure with parameter and with return type |  |  |  |
| **20** | Write a program to illustrate CURD operations using JSP connectivity with MySQL database on Apache Tomcat web server. |  |  |  |