United College of Engineering & Research, Prayagraj
Department of Information Technology

Web Technology Lab Sessional Exam
Lab Code: (KIT-551)
B. Tech Information Technology (V-Semester)

<table>
<tr><td>1.</td><td>Write a Java program to count the letters, spaces, numbers and other characters of an input string.</td></tr>
<tr><td></td><td>Write a HTML program to display your complete class time table.</td></tr>
<tr><td rowspan="2">2</td><td>Write a program in java which creates the variable size array (Jagged Array) and print all the values using loop statement.
<table>
<tr><td>1</td></tr>
<tr><td>2</td><td>3</td></tr>
<tr><td>4</td><td>5</td><td>6</td></tr>
<tr><td>7</td><td>8</td><td>9</td><td>10</td></tr>
<tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr>
</table></td></tr>
<tr><td>Write a HTML program to divide your web page using frames
<table>
<tr><td>Frame1

Contents of Frame 1</td><td rowspan="2">Frame3

Contents of Frame 3</td><td rowspan="2">Frame4

Contents of Frame 4</td></tr>
<tr><td>Frame2

Contents of Frame 2</td></tr>
</table></td></tr>
</table>

3	Write a program in java to implement the following types of inheritance: • Single Inheritance • Multilevel Inheritance • Hierarchical Inheritance

	Write a HTML program to display the given list.
	• Fruit
	  ○ Bananas
	  ○ Apples
	  ▪ Green
	  ▪ Red
	  ○ Pears
	• Vegetables
	• Meat

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.
	Write a HTML program to display your complete class time table.
5	Write a program in java to implement constructor chaining and constructor overloading.
	Write an HTML code to demonstrate the usage of inline CSS, internal CSS, external CSS and imported CSS.
6	"Java does not support multiple inheritance but we can achieve it by interface". Write a program to justify the above statement.
	Write a Java script to validate Mobile Number and Password.
7	Write a program in java to demonstrate that finally block is always executed whether exception occurred or not.
	Write a HTML program to display your complete class time table.
8	Write a program 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.
	Write a HTML program to display your complete class time table.