**LAB ASSIGNMENT RECORD**

**On**

**MCA 259**

**WEB TECHNOLOGIES LAB**



**COLLEGE OF COMPUTING SCIENCES AND INFORMATION TECHNOLOGY**

**TMU, MORADABAD**

**JAN 2022 - JUNE 2022**

**Submitted To:** **Submitted By:**

**MrAmit Singh (Student Name)**

**(Course, Semester, Section)**

**Lab Assignment No: 01**

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| --- | --- | --- | --- | --- | --- |
| **S.NO** | **PROGRAM NAME** | **PAGE NO** | **DATE** | **SIGN** | **REMARK** |
|  | Create a basic HTML page to demonstrate the basic structural tags of HTML. |  |  |  |  |
|  | Use bold and italic designing tags to your HTML document. |  |  |  |  |
|  | Add a header to your document by using Header Tag. |  |  |  |  |
|  | Add paragraph and break tags to HTML document and see the changes by viewing as a web page. |  |  |  |  |
|  | Add a horizontal rule with its attributes in HTML page, save and view. |  |  |  |  |
|  | Create a page that shows the different types of heading available and show each in the same page. |  |  |  |  |
|  | Design a page to display the BCA 2ndSem timetable of your class by using List tag. |  |  |  |  |
|  | Add an unordered list with list having bulleted items to your document, save and view. |  |  |  |  |
|  | Add an ordered list to your document, save and view. |  |  |  |  |
|  | Add a definition list to your document, save and view. |  |  |  |  |
|  | Create a HTML page as a linking document by using anchor tag. |  |  |  |  |
|  | Create a HTML document that navigates from one page to another by using target tag and its options. |  |  |  |  |
|  | Create a link to any website of your choice by using both anchor and target tags. |  |  |  |  |
|  | Create a link from one HTML file to another HTML file. |  |  |  |  |
|  | Align a short description to the bottom of your image, save and view. |  |  |  |  |
|  | Align the description to the top of the image, save and view. |  |  |  |  |
|  | Add a simple table to your HTML pagewithout borders. |  |  |  |  |
|  | Create a HTML document by inserting a table which spans multiple rows by using “rowspan” attribute. |  |  |  |  |
|  | Create a HTML document by inserting a table which spans multiple columns by using “colspan” attribute. |  |  |  |  |
|  | Create a HTML document by inserting a table and add Caption to it. |  |  |  |  |

**Lab Assignment No: 02**

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| **S.NO** | **PROGRAM NAME** | **PAGE NO** | **DATE** | **SIGN** | **REMARK** |
|  | Add border to your table by using its different values. |  |  |  |  |
|  | Add different styles for your table by using style attributes. |  |  |  |  |
|  | Make the top row of a table as a header, save and view. |  |  |  |  |
|  | Align all data elements to the middle of their cells, save and view. |  |  |  |  |
|  | Center one of your headers in the table inserted in HTML page, save and view. |  |  |  |  |
|  | Center align your image by using attributes of img tag, save and view. |  |  |  |  |
|  | Align the image to the right, save and view. |  |  |  |  |
|  | Put a border around the image with a value of your choice; save and view each. |  |  |  |  |
|  | Add a horizontal rule that is aligned to the left, is 70% of the width of the page and has a size value of 10, save and view. |  |  |  |  |
|  | Put a background color and text color on your page by using Hexadecimal values. |  |  |  |  |
|  | Add title, header and footer to each page you have created till now. |  |  |  |  |
|  | Design a home page for “TMU” website by using the above tags and tables. |  |  |  |  |
|  | Design a website that displays the information about the total courses offered by the university. The website should show the information about each subject in a well formatted manner. Use proper images and colors in the website. |  |  |  |  |
|  | Create the gallery page of the “TeerthankarMahaveer University”. |  |  |  |  |

**Lab Assignment No: 03**

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| **S.NO** | **PROGRAM NAME** | **PAGE NO** | **DATE** | **SIGN** | **REMARK** |
|  | Create a page that will show the inline style of CSS. |  |  |  |  |
|  | Create a web page using simple CSS tags. |  |  |  |  |
|  | Create a page that will show the different types of  selectors |  |  |  |  |
|  | Create a page that will be done by the file style of CSS |  |  |  |  |
|  | Create a page that will show the Cascading style sheet of CSS |  |  |  |  |
|  | Create a page to add background image with different background properties |  |  |  |  |
|  | Create a page to show margin and padding |  |  |  |  |
|  | Create a page to add five different borders with border properties |  |  |  |  |
|  | Create a page to manipulate text with different features |  |  |  |  |
|  | Create a web page that will display the different style on a single page using the single  style sheet |  |  |  |  |
|  | Create a web page that will display the different ten properties of style sheet like margin, align, float etc. |  |  |  |  |

**Lab Assignment No: 04**

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| **S.NO** | **PROGRAM NAME** | **PAGE NO** | **DATE** | **SIGN** | **REMARK** |
|  | Write a simple code to check the use of <script> tag. |  |  |  |  |
|  | Write a JavaScript program to display the current day and time |  |  |  |  |
|  | Write a JavaScript program where the program takes a random integer between 1 to 10, the user is then prompted to input a guess number. If the user input matches with guess number, the program will display a message "Good Work" otherwise display a message "Not matched" |  |  |  |  |
|  | Write a JavaScript program to determine whether a given year is a leap year |  |  |  |  |
|  | Write a JavaScript program to calculate multiplication and division of two numbers (input from user). |  |  |  |  |
|  | Write a JavaScript function that reverse a number. |  |  |  |  |
|  | Write a JavaScript function that checks whether a passed string is palindrome or not. |  |  |  |  |
|  | Write a JavaScript program to create an array and then to print it. |  |  |  |  |
|  | Write a JavaScript program to calculate the area and perimeter of a circle using functions. |  |  |  |  |
|  | Create a form using JavaScript that shows the use of checkboxes and radio button. |  |  |  |  |
|  | Create a form using JavaScript that will use text field and text area. |  |  |  |  |
|  | Create a Student Registration form using JavaScript that should use appropriate fields and buttons. |  |  |  |  |

**LAB ASSIGMENT NO.– 1**

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| **S.NO** | **PROGRAM NAME** | **PAGE NO** | **DATE** | **SIGN** | **REMARK** |
| 1 | Write a simple php program to print message “hello world”. |  |  |  |  |
| 2 | Write a php program to perform arithmetic operations. |  |  |  |  |
| 3 | Write a php program to print the factorial of a no using for loop. |  |  |  |  |
| 4 | Write a php program to the print the table of a no using while loop. |  |  |  |  |
| 5 | Write a php program to the print the message like “Theerthanker Mahaveer University” five times using do- while loop. |  |  |  |  |
| 6 | Write a php program that initialize the one dimensional array and also print all array elements by using foreach loop. |  |  |  |  |
| 7 | Write a php program that initialize the two dimensional array and also print all array elements. |  |  |  |  |
| 8 | Write a php program that initialize the three dimensional array and also print all array elements. |  |  |  |  |
| 9 | Write a php program that initialize associative array and also print all array elements. |  |  |  |  |
| 10 | Write a php program to find the largest no among three numbers. |  |  |  |  |
| 11 | Write a php program to perform arithmetic operation by using switch case. |  |  |  |  |
| 12 | Create php function that has no return type and no argument and display message “php is popular language”. |  |  |  |  |
| 13 | Create php function that has return type and argument and display the sum of two numbers as a result. |  |  |  |  |
| 14 | Write a simple php program to display division according to the marks obtained in 5 subjects by the student. |  |  |  |  |
| 15 | Write a php program to implement require() function. |  |  |  |  |
| 16 | Write a php program to implement include() function |  |  |  |  |

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| **S.NO** | **PROGRAM NAME** | **PAGE NO** | **DATE** | **SIGN** | **REMARK** |
| 1 | Write a php program to implement various string operations. You can take the string as firstString="the quick brown fox" and secondString=" jumped over the lazy dog” |  |  |  |  |
|  | (i)Show both string in lowercase. |  |  |  |  |
|  | (ii) Show both string in uppercase |  |  |  |  |
|  | (iii) Convert the first letter of first string in uppercase. |  |  |  |  |
|  | (iv) Convert the first letter of every word in uppercase. Do it for both string. |  |  |  |  |
|  | (v) Show the string whose starting word will be over. |  |  |  |  |
|  | (vi) Replace quick word by super-fast word in the firstString. |  |  |  |  |
| 2 | Write a php program to sort the numeric array. |  |  |  |  |
| 3 | Write a php program print the value of array between  C++ to pascal in $book=arrar(“basic”,”c”,”C++”,”java”,”php”,”c#”,”asp.net”,”pascal”,”cobol”,”SAP”) using array\_slice(). |  |  |  |  |
| 4 | Write a php program to implement the print\_r() function. |  |  |  |  |
| 5 | Write a php program to print the current ,next and end element of $book array in prog 19. |  |  |  |  |
| 6 | Write a php program to print the current date and time |  |  |  |  |
| 7 | Write a php program to print tomorrow’s date. |  |  |  |  |
| 8 | Write a php program with function(user define) to add two string. |  |  |  |  |
|  | **HTML WITH PHP** |  |  |  |  |
| 9 | Create HTML page with form tag with following input elements Name, Address, Mobile No. and submit button .Write php program to print html form value with $\_POST variable. |  |  |  |  |
| 10 | Create HTML page with form tag with following input elements Name, Address, Mobile No. and submit button .Write php program to print html form value with $\_GET variable. |  |  |  |  |
| 11 | Write a php program to implement $\_REQUEST variable. |  |  |  |  |
| 12 | Write a php program to validate textbox for integer value. |  |  |  |  |

**LAB ASSIGMENT NO. - 2**