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Fall Semester 2024-25

CSE4001-INTERNET AND WEB PROGRAMMING

4 - Credit course

LTP

Lab Assessment - 4

1. **Create a Real-time Search Filter using JQuery.**
2. **Creates a simple image slider using jQuery.**
3. **Create an E-Commerce application for how to make an AJAX request using jQuery.**
4. **JavaScript Program to Find the Square Root**
5. **JavaScript Program to Calculate the Area of a Triangle**
6. **JavaScript Program to Swap Two Variables**
7. **JavaScript Program to Solve Quadratic Equation**
8. **JavaScript Program to Convert Kilometers to Miles**
9. **Javascript Program to Convert Celsius to Fahrenheit**
10. **Javascript Program to Generate a Random Number**
11. **Javascript Program to Check if a number is Positive, Negative, or Zero**
12. **JavaScript Program to Check Prime Number**
13. **JavaScript Program to Print All Prime Numbers in an Interval**
14. **JavaScript Program to Find the Factorial of a Number**
15. **JavaScript Program to Display the Multiplication Table**
16. **JavaScript Program to Print the Fibonacci Sequence**
17. **JavaScript Program to Check Armstrong Number**
18. **JavaScript Program to Find Armstrong Number in an Interval**
19. **JavaScript Program to Make a Simple Calculator**
20. **JavaScript Program to Find the Sum of Natural Numbers**
21. **JavaScript Program to Find HCF or GCD and LCM**

22. **JavaScript Program to Find Sum of Natural Numbers Using Recursion**
23. **JavaScript Program to Guess a Random Number**
24. **JavaScript Program to Shuffle Deck of Cards**
25. **JavaScript Program to Display Fibonacci Sequence Using Recursion**
26. **JavaScript Program to Find Factorial of Number Using Recursion**
27. **JavaScript Program to Convert Decimal to Binary**
28. **JavaScript Program to Find ASCII Value of Character**
29. **JavaScript Program to Check Whether a String is Palindrome or Not**
30. **JavaScript Program to Check the Number of Occurrences of a Character in the String**
31. **JavaScript Program to Convert the First Letter of a String into UpperCase**
32. **JavaScript Program to Count the Number of Vowels in a String**
33. **JavaScript Program to Count the Number of Keys/Properties in an Object**
34. **JavaScript Program to Add Key/Value Pair to an Object**
35. **JavaScript Program to Replace All Occurrences of a String**
36. **JavaScript Program to Create Multiline Strings**
37. **JavaScript Program to Format Numbers as Currency Strings**
38. **JavaScript Program to Generate Random String**
39. **JavaScript Program to Check if a String Starts With Another String**
40. **JavaScript Program to Convert Objects to Strings**
41. **JavaScript Program to Replace all Instances of a Character in a String**
42. **JavaScript Program to Replace All Line Breaks with**
43. **JavaScript Program to Display Current Date and Time, Check Leap Year**
44. **JavaScript Program to Insert Item in an Array**
45. **JavaScript Program to Add Element to Start of an Array**
46. **JavaScript Program to Merge Two Arrays and Remove Duplicate Items**
47. **JavaScript Program to Sort Array of Objects by Property Values**

48. **JavaScript Program to Create Two Dimensional Array**
49. **JavaScript Program to Extract Given Property Values from Objects as Array**
50. **JavaScript Program to Get Random Item From an Array**
51. **Javascript Program to Generate a Random Number Between Two Numbers**
52. **JavaScript Program To Get The Current URL**
53. **JavaScript Program To Work With Constants**
54. **JavaScript Program to Generate a Range of Numbers and Characters**
55. **JavaScript Program to Perform Function Overloading**
56. **JavaScript Program to Implement a Stack and Queue**
57. **JavaScript Program to Check if a Number is Float or Integer**
58. **JavaScript Program to Get the Dimensions of an Image**
59. **JavaScript Program to Remove All Whitespaces From a Text**
60. **JavaScript Program to Convert Date to Number**

Complete by 04.08.2024 (Sunday), 4 PM.