

Department of Computer Science and Engineering,
College of Engineering, Anna University
CS6103 – Application Development Practices Laboratory

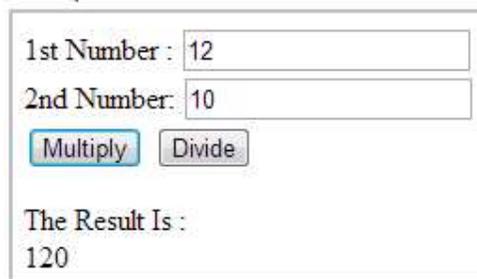
Year/ Sem /Batch: I / II / N

Exercise IV

23 – Apr- 2022

Lab Execution (Execution: 10 Marks & Viva: 5 Marks)

1. Write a JavaScript program to calculate multiplication and division of two numbers (input from user) (2)



The screenshot shows a web-based interface for a JavaScript program. It features two input fields: '1st Number' with the value '12' and '2nd Number' with the value '10'. Below these fields are two buttons: 'Multiply' and 'Divide'. The 'Multiply' button is highlighted in blue. Below the buttons, the text 'The Result Is :' is displayed, followed by the value '120'.

2. Write a JavaScript program to get the website URL. (2)
3. Write a JavaScript program to find the largest of three given integers. (2)
4. Write a JavaScript program to convert a given number to hours and minutes. (2)
5. Write a JavaScript program to check the total marks of a student in various examinations. The student will get A+ grade if the total marks are in the range 89..100 inclusive, if the examination is "Final-exam." the student will get A+ grade and total marks must be greater than or equal to 90. Return true if the student get A+ grade or false otherwise. (2)

Spot Exercises (5 Marks)

Use JavaScript for the following:

1. Consider a webpage with a form that has all possible form element types. Upon submission (use a submit button, make the action=" ") gather all the form data (name-value pairs) using `document.getElementById` and display the name-value pairs in the same page / in a new page (using `target=_blank`) in a HTML Table (three columns - element type, name, value)
2. Write a JavaScript function that grabs the style of a `<p>` element and changes it to some other style in the JavaScript `onmouseover` and returns to its initial style `onmouseout` event.
3. Write a JavaScript function that counts the number of form elements and displays them in an alert box.
4. Design a form with two text fields and a button named check below. When check button is clicked (in the `onclick` event) validate the contents to true if the user enters the same content in both the text boxes else validate it to false. The contents could be numbers / strings etc.,