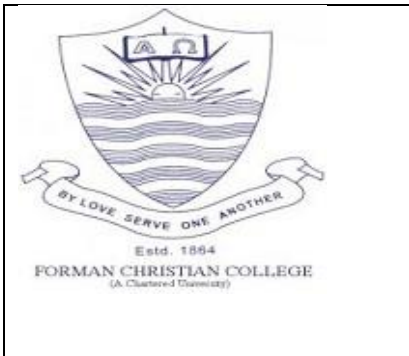




DEPARTMENT OF COMPUTER SCIENCE

**FORMAN CHRISTIAN COLLEGE
(A CHARTERED UNIVERSITY)
LAHORE**

**Web Application Development
CSCS342
Lab Manual**



DEPARTMENT OF COMPUTER SCIENCE
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LAHORE

LAB #06: Javascript

Name: _____ **Roll #:** _____

Objective:

This lab is aimed to practice and revise your JavaScript. In this lab you will have an opportunity to practice previously JavaScript:

- Using document.write()
- JavaScript Print
- JavaScript Functions
- JavaScript Variables
- Converting Numbers into Variables (number(), parseInt(), parseFloat())
- JavaScript Operators (Arithmetic, Comparison, Logical and Assignment Operators) sqrt(), pow(), abs(), exp(), log(), round(), ceil(), floor(), min(), max(), random(), AlertBox, PromptBox, Confirm Box.
- String length, string methods (big(), small(), fontsize(), sub(), sup(), bold(), italics(), strike(), link(), toLowerCase(), toUpperCase(), indexOf(), lastindexOf(), charAt(), substring())

**Note: This lab must be completed with Javascript only and is using every element listed above, so read the lab instructions carefully before solving and try to find where these elements have been used in this pdf.*

TASK1: (5pts)

Basic Calculator Using Javascript.

- Take inputs from the user.
- Make basic arithmetic functions and implement the functionalities.

JavaScript Calculator

a.
b.

Sum:

Product:

Division:

Subtraction:

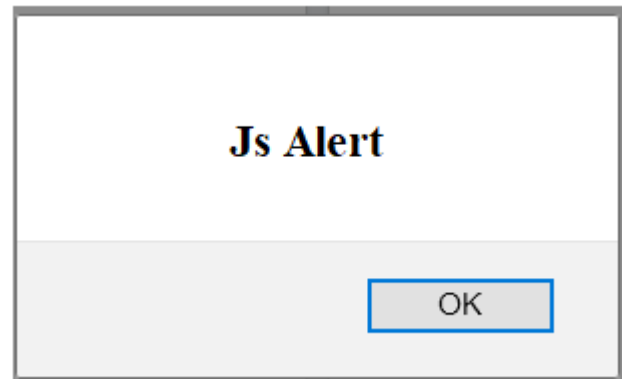
- Whole text is bold in the task use bold() function from JS.

Click here to show confirm alert

TASK2: (5pts)

Alert Messages

- Put a button on web page as mentioned above.
- By clicking button we should see an alert popup message saying “**Js Alert**”.



TASK3: (5pts)

Min and Max.

- Read the inputs from the user.
- Use built in functions available in Js for Min and Max.
- Print one random number from above numbers.
- Implement the above functionality.

- a.
- b.
- c.
- d.
- e.

Min:

Max:

Random:

TASK4: (5pts)

Paragraph Formatting

“Lorem Ipsum is simply dummy text of the printing and typesetting industry. **Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.** It has survived not only five

centuries, but also the leap into electronic typesetting, remaining essentially **UNCHANGED**. It was popularised in the **1960s** with the release of **LETRASET** sheets containing Lorem Ipsum passages, and ~~more recently with desktop~~ publishing software like Aldus [PageMaker](#) including versions of *Lorem Ipsum*.”

- Use the above text and format it using JS functions (bold(), fontsize(), italics(), big(), small(), strike(), link())