

# Web Technology

## Assignment 4

**Due: Next Section.** (*one day before if you submit by email*)

Notes: This assignment is individual assignment, every student should complete it by himself.

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1. (4 points) Write a JavaScript program to find the area of a triangle where lengths of the three of its sides are 5, 6, 7
2. (4 points) 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".
3. (4 points) Write a JavaScript program to display the current day and time in the following format Sample Output : Today is : Friday.

Current time is : 4 PM : 50 : 22

4. (4 points) Write a JavaScript function that generates all combinations of a string. Go to the editor

Example string : 'dog'

Expected Output : d,do,dog,o,og,g

5. (5 points) Using HTML, CSS and JavaScript, build a simple Web-based Calculator as shown in the following figure:

