## JavaScript – Exercises

**Inputs and Result Display: You can use any HTML tags/CSS styles to get user inputs and display the result of each following task.**

**Task 1.** 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

**Task 2.** Write a JavaScript program to get the current date.  
*Expected Output* :   
mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy

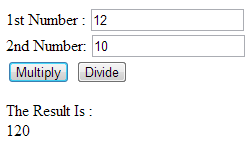
**Task 3.**Write a JavaScript program that takes three inputs i.e. the length of three sides from user, program then calculates the area of following shapes and display to the page.

* The area of square using first input
* The area of rectangle using first two inputs
* The area of triangle using three inputs
* Input can be taken using prompt or textbox.
* Result can be displayed any heading level with appropriate message.

**Task 4.** 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".

**Task 5.** Write a JavaScript program to calculate days left until next UAE National Day.

**Task 6.** Write a JavaScript program to calculate multiplication and division of two numbers (input from user).

  
**Task 7.** Write a JavaScript program that first takes temperature in Celsius as input from user, converts to Fahrenheit and displays the result. Secondly, takes temperature in Fahrenheit as input from user, converts to Celsius and displays the result.

[ Formula : c/5 = (f-32)/9 [ where c = temperature in Celsius and f = temperature in Fahrenheit ]   
*Expected Output* :   
60°C is 140 °F  
45°F is 7.222222222222222°C