

**ENGR 0011 – Fall 2018**  
**HW 9**

Acceptable behaviors for this assignment include:

- Consulting your textbook or other written material
- Asking your team members
- Asking your professor or TA

Note that consulting materials and asking others is only acceptable as long as they do not provide you with the solutions – you have to come to the solution on your own!

Unacceptable behaviors for this assignment include:

- Copying the solution(s) from a solution manual, book, other written material, or from other students
- Copying the solutions(s) from assignments submitted in previous semesters
- Providing the solutions to a classmate, student in other section, student in future section, or online solution banks
- Asking someone to complete the assignment for you

For this assignment you will get familiar with data types and the I/O commands by designing a very basic JavaScript code that accomplishes the following:

- (1) Using **the document**.write commands display your group number, the names of your group members and the date. Use H2 headings, an unordered list and the date command to display the information. Have each piece of information on a new line.
- (2) Write the code to display these paragraphs in an alert box. Use one alert box and break the text as shown in Figure 3.13-3.

The first `\n` puts the text on a new line, the double slash by the `n` is needed to allow the printing of the `\n` in this printout. If you want to add a tab in the print out you insert `\t` it will tab the text as shown here.

Sometimes it is nice to print out text in "double quotes", this requires the double quote escape sequence `\"`. Sometimes it is nice to print out text in 'single quotes', this requires the single quote escape sequence `\'`.

Finally, notice all the single slashes `\'` at the end of each line. These allow you to wrap the string to the next line for easy or reading.

Do you understand  
the code required to print this out?

- (3) Write the code to assign the values to the following variables:  
Value 7 to A, value 12 to B, the string (I love college) to message1 and (Playing college is fun) to message2.

Print out each variable, in a user friendly manner, then use the "+" operator to display the sum of (A and B), (message1 and message 2) and (A and message1)

- (4) Write the code to read in the following variables using the prompt command:  
A and B as numbers.

Print out each variable, in a user friendly manner, then use the "+" operator to display the sum of (A and B). Note, the prompt command will return the data as a string, so to convert the string to a number use the Number() command. For example Number(A) will convert A from a string to a number.

Now printout the result of A\*B but do not use the Number command. Note, how javascript knows A and B must be numbers to use the product operator.

Here is a sample printout as a guide:

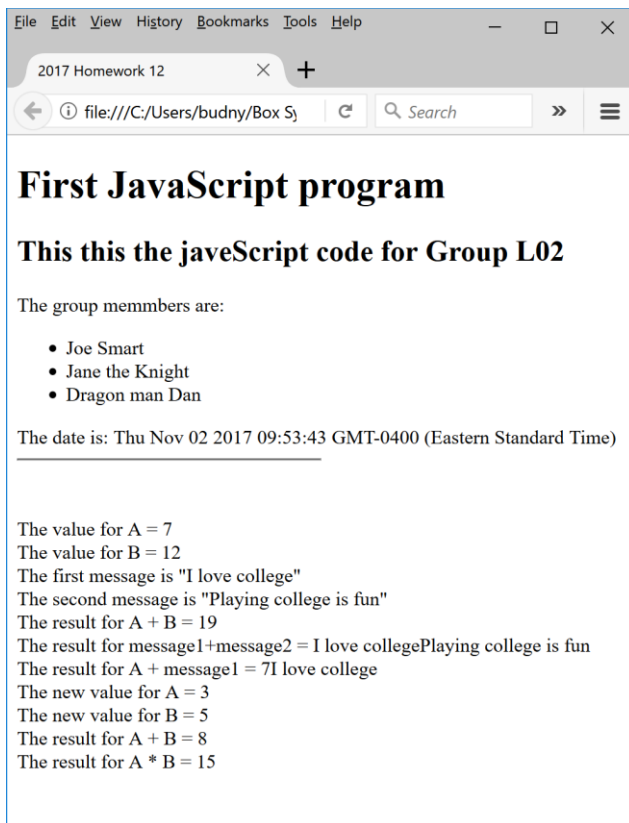
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Do you understand  
the code required to print this out?

OK



-Include a comment with your name and team number at the top.

-Include comment lines that separate the text and explain what material is going to be presented. Include proper indenting between the start and end tags.

-You must write the code using a text editor (notepad, geany, etc.). You cannot use any web design software.

**This is a group assignment.** Your group needs to submit a file named *HW9\_group#.html* (e.g. *HW9\_R07.html*). Upload this file through your class computer using the official file submission link (found on the desktop of class computers in GSCC 138 or BEH 229 at the beginning of the class when this assignment is due). You should also upload a copy of this code to the UNIX account of at least one of your group members. Each member of your group should then add a link to this file on their individual *index.html* files. The link should be "Link to Group#'s HW9 File" and should open the file from **each** group member's *index.html* files.