

CPSC 1030

Lab11 – JavaScript

Objectives

To learn JavaScript

Readings:

Class Material/Notes

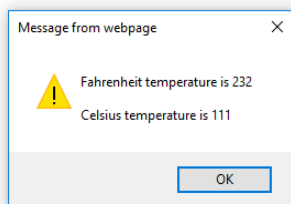
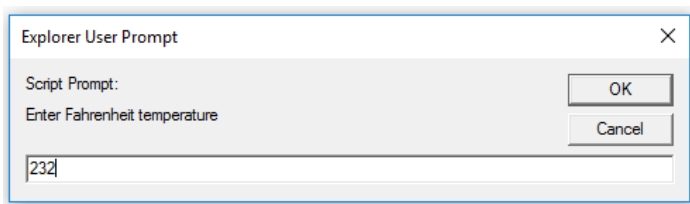
Lab Procedure:

Create a folder CPSC1030\lab11 and copy the files lab11.html and solution.js into it. Place all JavaScript code in solution.js file.

Question 1: Write a function that will calculate the amount that should be paid as a tip for a restaurant bill. The tip will be 20 percent of the total bill.

Question 2: Create a function called *changeColor()* that will be called when the user presses one of two buttons. The first button will contain the text “*Press here for a light yellow background*”. The second button will contain the text “*Press here for a light green background*”. The function will take one parameter, a color. Its function is to change the background color of the current document.

Question 3: Create an application that converts Fahrenheit temperatures to Celsius temperatures by using the prompt() and alert() methods. The prompt dialog box should look like this:



Submissions:

Submit the lab11.zip file to D2L

Marking Scheme:

- 5 marks for each part

Sample Output:

Question 1

Enter the Bill Amount:

Tip on \$1000 is: \$200.00

Question 2

Question 3

Converting temperature from degrees Fahrenheit to degrees Celsius (use prompt and alert)