Java Script Programming Assignments

Go to the following web page to learn about java script and to answer the following questions:

http://www.w3schools.com/js/js_howto.asp

Assignment #1 : Text
Write a java script that will produce the following output:

      a)   Go Cards Go !

      b)   This is a Cards Page
               Cards are the best!
               Go Cards Go

      c) How do you insert comments into your java script code?

Assignment #2 : Variables
Write the java script code that will

a) Assign a number value of 5 to the variable x, a value of 6 to the variable y.
   Create a print out that says   "x + y = 11"

b) Create two scripts. One that takes on a variable value of a = "Volvo" and   b = "GMC"
   Create a print out that says   "My favourite car makes are Volvo and GMC"

Assignment #3 : Input of Variables

Write the java script code that will

a) accept a value for x, and then for y and will print out the sum of the two numbers.

b) accept a value for the unknowns G, x, y and z to find a value for F in the following formula.

$$F = \frac{Gxy}{z^2}$$

Assignment #4 : Logical Operators

Write a java script code that will

a) accept a string variable, like the person's name and a numeric value, like the person's age. Then from the data that has been inputted, have the program write out a message that says: "Sorry Tom, you are too young to vote" if the person's age is below 18 and a message that says "Hello Tom, you are old enough to vote" if they are 18 or older.

b) accept a number variable that will ask the user for the birth month as a number
ie. Jan = 1, Feb = 2, Mar = 3 .... By using the switch command, have the program return the person's gem stone for that month. A final statement such as "Since your birth date is in July, your birth stone is a ruby."