COP2500 - Laboratory 2

Introduction: The goal of this assignment is to become experienced in the use of data types, literals, and variables (Chapter 3).

> Procedures: Open a text editor on your computer. You will want to use either Notepad or Wordpad. They both should be found by clicking Start/Programs/Accessories. Make sure each file you turn in has the following comments:
>
> \<title\> Put your name here \</title\>
>
> \<!-- This is a comment line - ignored by the browser -->
> \<!-- Name: Put your name here -->
>
> \<!-- Email: Put your email here -->
>
> \<!-- Lab 02 -->

You will embed JavaScript code inside an HTML that does:

PART 1:

- Write a script that displays the number 495 on separate lines as:
  - an integer
  - a floating point
  - an octal number
  - a hexadecimal number
  - and in scientific notation

- Note: identify what is being displayed, e.g.
  The number 495 as an integer is 495; or **The number 495 as a floating point number is 495.0**, etc.

- Save the file as numeric_literal.html

PART 2: save file as string_literal_with_quote.html

- Assign the following string to a variable:

  She sang, "Don't cry for me Argentina"

- Have the variable displayed

- Save the file as string_literal.html

PART 3: save as five_variables.html

- Write a script that contains five variables in the head of the document:
  - The first one contains your name
  - The second one contains the value 0
  - The third one is declared but has no value
  - The fourth contains an empty string
  - The fifth variable contains the Boolean value of false

- In the body of the document, write another script to display the type of each by using the *typeof* operator.

- Save the file as five_variables.html