# INFO 151
# Web Systems and Services

## Week 5 (Lab)

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# JavaScript Exercises #1

- Design an algorithm to compute:
    1. The area of a circle
    2. The  circumference of a circle
    3. The volume of a cylinder

- Write the pseudo code to implement the algorithm

- Create and run JavaScript program with the output shown in the NetBeans embedded web kit and a web browser

- The program output must include all variable values, the computed results, and a text description of the computation

# Practical Exercise #2

- I have provided you with example programs c/w the JavaScript program code in an html web page:
  - There are two programs: (a) The *Factorial* problem, (b) The *Towers of Hanoi* (ToH) problem

- Consider the Towers of Hanoi problem:
  - In the JavaScript I have set the number of disks in the script variable
  - You must modify the script to enable users to enter the number of disks in an input field with a button to run the program using the user input value
  - Do not modify the JavaScript functions
  - The user defied input must be assigned to the disks variable

# Course Work

- Complete the JavaScript exercises set out in the document: Weeks #4 #5 #6 JavaScript Exercises