

Programming Assignment #1:

Write a JavaScript program (nested within an html file) that does the following:

- 🌐 Has YOUR NAME and SECTION NUMBER in a comment in the header
- 🌐 Asks the user for their first name
- 🌐 Asks the user for their last name
- 🌐 Greets the user using both first and last name via a dialog
- 🌐 Asks the user for the radius of a circle
- 🌐 Calculates and presents to the user in the browser window both the circumference and area of a circle with that radius as well as the surface area and volume of a sphere with that radius, labeling each value accordingly
- 🌐 Asks the user for the width of a square
- 🌐 Calculates and presents to the user in the browser window both the circumference and area of a square with that width as well as the surface area and volume of a cube with that width, labeling each value accordingly

- 🌐 And, as a bonus, your program will also calculate what fraction the sphere's volume is compared to the cube (optional -- c'mon, challenge yourself...!).

Your program is due before the start of class on Tuesday, February 12th. See the syllabus for more details.

I ***HIGHLY*** recommend that you start on this program **BEFORE** our class this **weekend**. That way, you might have questions to bring to class next week. I'm here to help you, but you gotta ask me.

(And, yes, this will be a .html file that you're submitting...)