COMP 1098: Assignment # 1

Instructor: Syem Ishaque

Design an app to calculate the gas law

- Pv = nRT

- Where P is pressure and a float value.
- V is volume in meters cube
- N is the number of moles
- R is the gas constant with value 8.314
- T is temperature.

What to expect

- Ask the user to input the value for pressure P

- Ask the user to enter the length, width and height and automatically develop a variable to calculate the volume using those variable.

- Ask the user for the temperature and add 273.14 to the value.

- All of the parameters are of type float.

- Calculate the number of moles. Round up the number to the nearest whole number.

- If the value is even, turn it into an odd value and if it's odd, turn it into an even value.

- Display the initial value for the mole, the rounded whole number in type float and the odd or even value after.

What to Submit

- The complete code in a pdf file.

- Comment your codes and test them. Submit it into the assignment 1 folder in **Pdf format.**