

**MA 302 – Spring 2019**  
**Homework 0**

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**Exercise 1:**

1. Declare an a scalar variable of your choice and set it equal to 1 and increment its value.
2. Use the MATLAB `rand` function to declare a random variable between 0 and 1.
3. Disply  $\pi$  to 4 digits of accuracy.
4. Display  $\pi$  to 15 digits of accuracy.
5. Create a variable `x=1` and calculate  $1/(1 - x)$ . Comment on your result.

**Submission of exercises**

Place all your files (m-files, `summary.txt`, `diary.txt`) in a folder named `lastname_hwN` and zip the folder to create a file `lastname_hwN.zip`. Email your zip file `lastname_hwN.zip` to `pchidyagwai@loyola.edu` with subject `MA302_hwN`.