

## **COMP 3006 Programming Assignment 9**

### **Assignment 9.1:**

Draw 1000 random numbers (with replacement) from each of the following distributions and display their means and standard deviations: integer, uniform, normal. You may choose the parameters.

Hint: import random, array, statistics

### **Assignment 9.2:**

Repeat the first part using only numpy methods

Hint: <https://numpy.org/doc/1.22/>

### **Assignment 9.3:**

Use only methods from numpy and matplotlib.

Display the plot of one period of both the cosine and sine. They should appear on the same axes. Label the axes and the plot. Provide a grid.

Upload a zip of your source file(s).