

COMP406, Simulation and Modeling
Lab Assignment-1 Fall 2015

1. Write a computer program that generates a random number in $[a, b]$ for any a, b using the random number generator over $[0, 1]$. (mathematically map the interval $[a, b]$ to $[0, 1]$ and use this map (function) for your random number generator.)
2. Using a random number generator over $[0, 1]$,
 - Generate a random integer between 0 and 100
 - Plot 1000 of the above random digits on the xy-plan
 - Comment on the distribution of the above numbers.