Q1. Verify the following property in any language of your choosing.

if *X ~ N(0,1),* then *aX+b ~ N(b,a2)*.

Q2. Verify the following property in any language of your choosing.

if *X~ N(a, b2)*, then *(X-a)/b ~N(0,1)*.

Q3. Verify the central limit theorem by creating the population from:

i) Poisson Distribution

ii) Normal Distribution

iii) Exponential distribution