

Implement a Random Number Generator of uniform distribution (0 to 1) using (Let's call it) "Endsquare" method. Plot a histogram using the generated random numbers.

Use 6 digit seed and generate random numbers upto 6 decimal places. Generate at most 100 random numbers.

Example:

Seed: 123456

Squared value: 015241383936 (123456^2)

First random number: 0.383936

Squared value: 147406852096 (383936^2)

Second random number: 0.852096

Histogram sample:

