**Principles of Programming Languages (Lab 9)**

**Problem:**

Write a program in any language to generate a dynamic n X n matrix A, fill it with random numbers. Perform C = A x A.

Write a perl script to run this program.

**Input:**

Requires the user to input the size of the array.

Both programs should be kept in the home directory.

**Output:**

Program will compile the C program and then execute it displaying the original and resultant matrix.