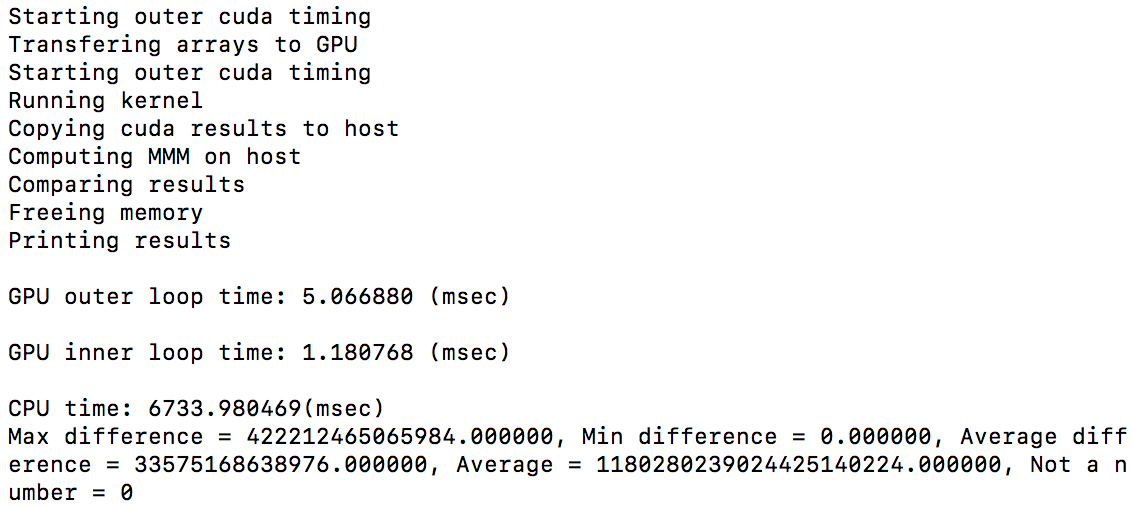
**EC527 Assignment 8 Chen-Yu Chang**

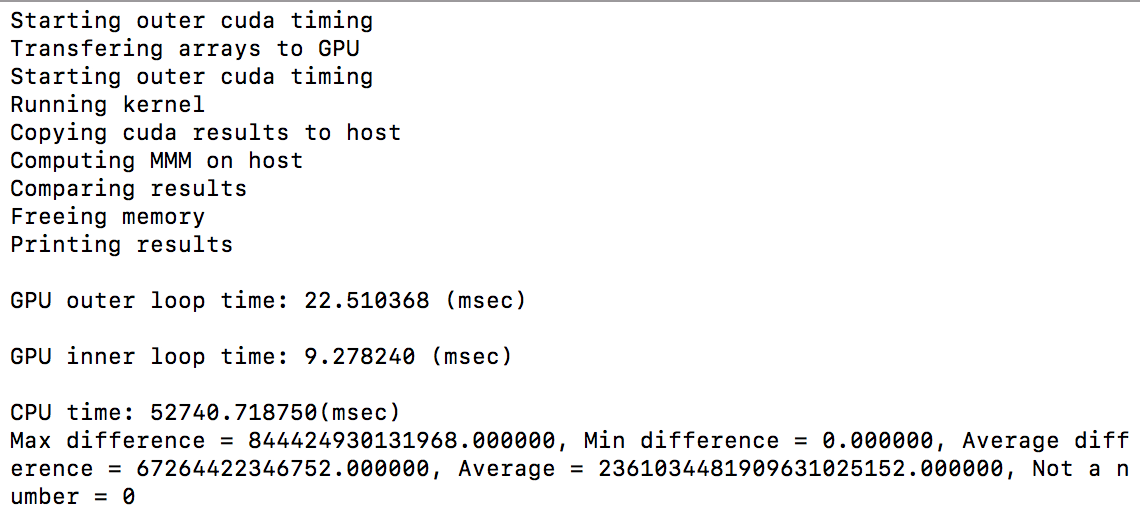
How I generate the matrix elements is by using initialize\_array () function which uses a known seed for random number generation.

Part 1:

1024 X 1024

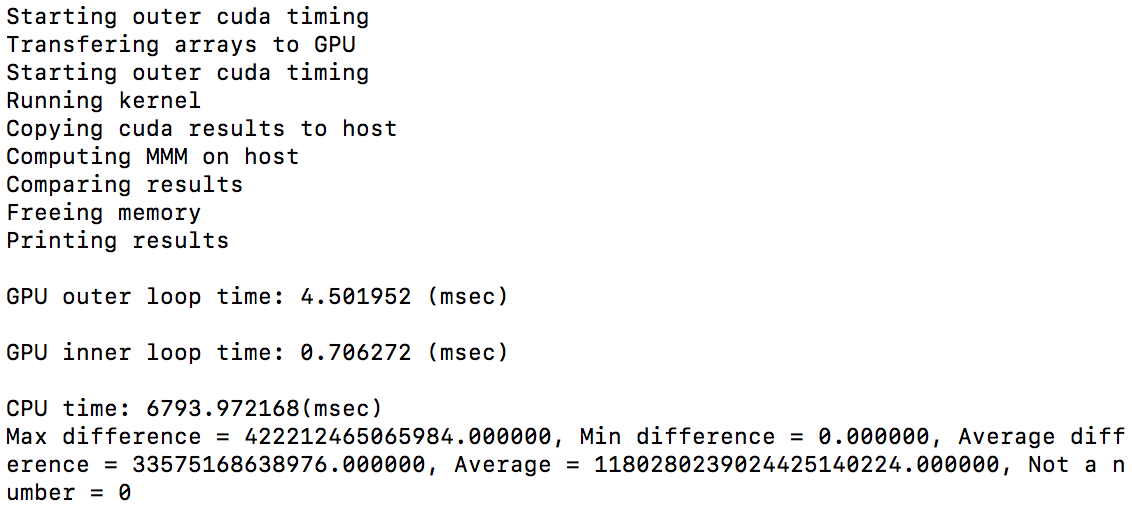


2048 X 2048

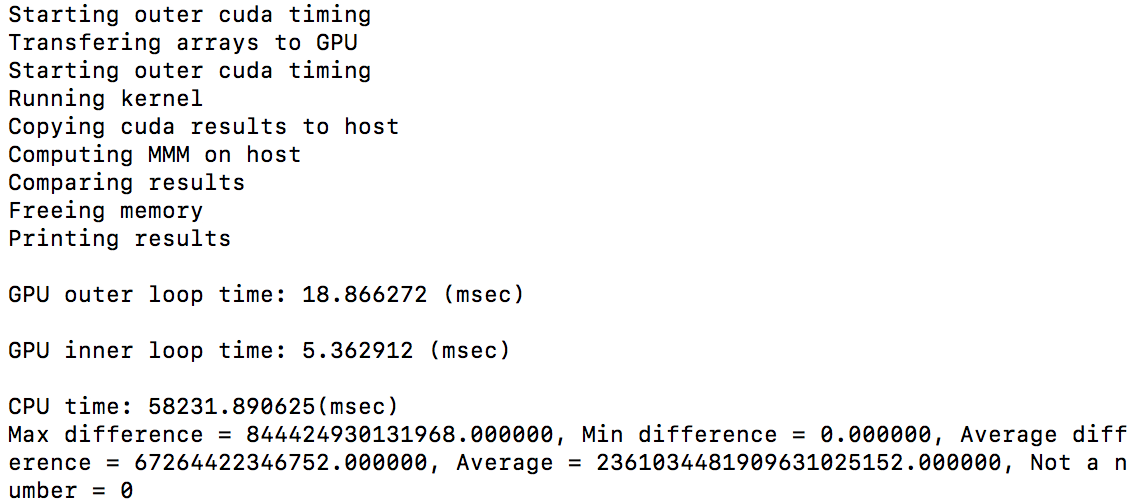


Part 2:

1024 X 1024

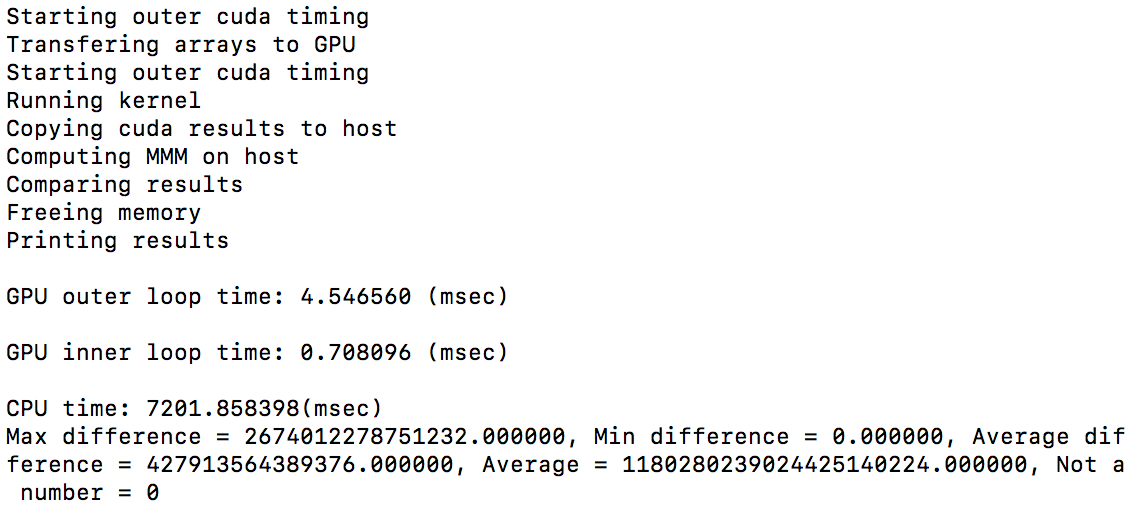


2048 X 2048:



Part 3:

1024 X 1024:



2048 X 2048:

