

Print your name:

Spandan Das

Today's date:

9/3/2019

Class period:

3

1. Use your student ID as the random number seed.
2. Initialize a grid 30 rows -by- 40 columns.
3. Each slot has a 60% chance to be turned ON.
4. How many slots are actually turned ON?

690

5. What percent of the 1200 total slots is this?

57.5%

6. How many of the 30 slots in the left column are on?

21

7. How many of the 30 slots in the next column are on?

17

8. Of the on-slots in column #2 how many are adjacent to an on-slot from column #1?

21

9. Initialize 100 grids instead of just one.

10. What is the average percent from Question #5 over all of these grids?

59.9% (71898 total)

END