Luke Nasby

ENGR 29700

Hw4

**Part 1:**

A close up of a map

Description automatically generated

**Part 2 and 3:**

A picture containing bed

Description automatically generated

**Essay:**

Nan’s correspond to empty sets or unreadable characters when converting from excel to a matlab array. A character array is an array where each cell contains 1 character (similar to a string in C) where a string array is where each cell contains 1 string per cell. The plots in part 1 are products of an entirely random array being manipulated in an arbitrary fashion, so it should not lead to any particular trends other than looking generally chaotic (the base array is just and random array).

**Bonus Essay:**

If there was a way to get 2 parallel straight lines from p3, it was probably because G was concatenated using cat(**2**, thing1, thing2) etc, so that G was accidentally 1 row too long or something along those lines. G will have lower values for the first element in each row as opposed to g if that helps explain how that might’ve happened.