

Input layer had mean 0.000927 and std 0.998388
 hidden layer 1 had mean -0.000117 and std 0.213081
 hidden layer 2 had mean -0.000001 and std 0.047551
 hidden layer 3 had mean -0.000002 and std 0.010630
 hidden layer 4 had mean 0.000001 and std 0.002378
 hidden layer 5 had mean 0.000002 and std 0.000532
 hidden layer 6 had mean -0.000000 and std 0.000119
 hidden layer 7 had mean 0.000000 and std 0.000026
 hidden layer 8 had mean -0.000000 and std 0.000006
 hidden layer 9 had mean 0.000000 and std 0.000001
 hidden layer 10 had mean -0.000000 and std 0.000000

All activations become zero!

Q: think about the backward pass.
 What do the gradients look like?

Hint: think about backward pass for a $W \cdot X$ gate.

