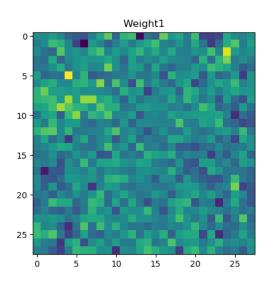
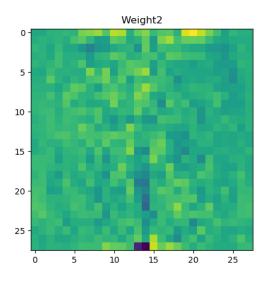
Homework 3

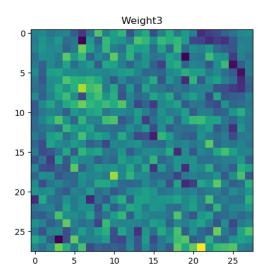
1. (b) and (c)

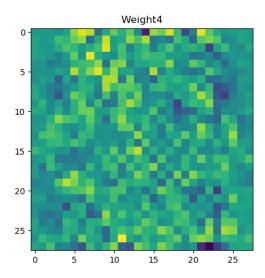
Last 20 mini-batches Loss: 0.0020487658049291755 Loss: 0.0029876685142157665 Loss: 0.002749992850162693 Loss: 0.004840255262640706 Loss: 0.0030694482613267504 Loss: 0.004696180185443517 Loss: 0.0025743541848226637 Loss: 0.0052972469813002045 Loss: 0.004547579160898249 Loss: 0.003618657351554201 Loss: 0.0036558850925401316 Loss: 0.002928890122294061 Loss: 0.0032705347385647444 Loss: 0.002936673483914687 Loss: 0.0047194270593366415 Loss: 0.0035527387027606506 Loss: 0.0038481850886501593 Loss: 0.0025455527939833218 Loss: 0.0025767155361551834 Loss: 0.004579143204387863 Testing CE Loss: 4.539275717551906e-05 Testing PC Accuracy: 0.8409

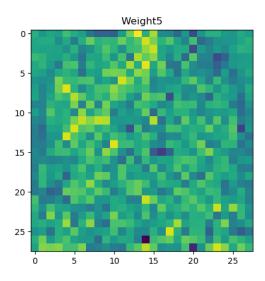
1.(d)

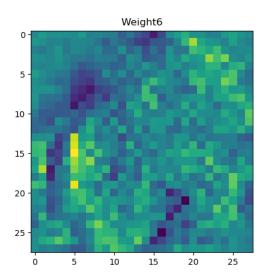


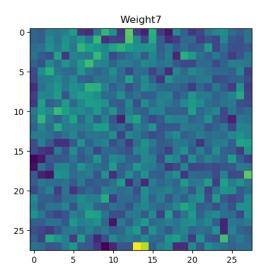


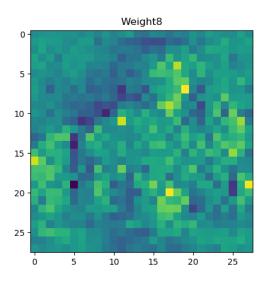


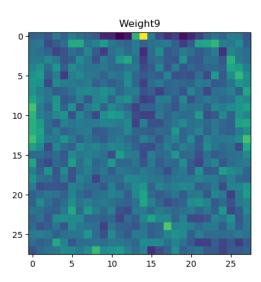


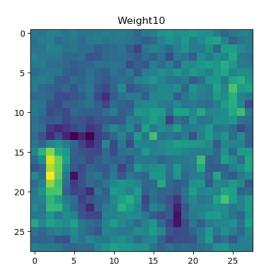












lame	Submitted	Wait time	Execution time	Score
oredictions.csv	a few seconds ago	5 seconds	1 seconds	0.77272