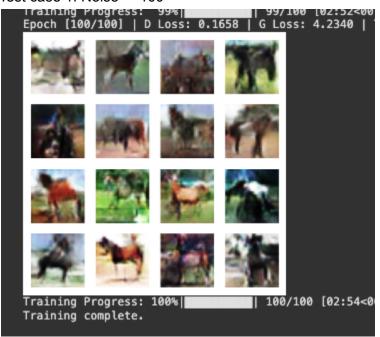
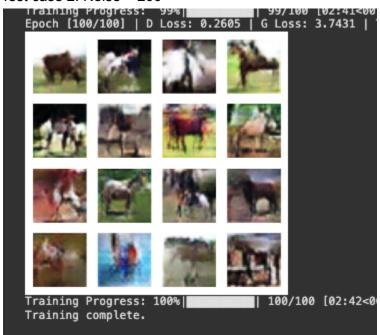
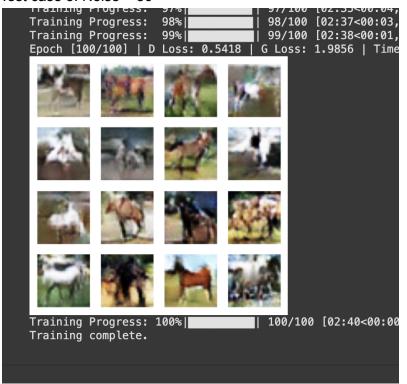
Test case 1: Noise = 100



Test case 2: Noise = 200



Test case 3: Noise = 50



Test case 4: Noise = 1



Test case 5: Noise = 500

