**'layer1.weight', Parameter containing:**

[[ 0.0575, 0.1447, -0.1453, 0.1671, 0.1227, 0.2576, -0.3121, -0.3174],

[-0.1171, 0.1829, 0.0038, -0.4063, -0.1180, 0.2683, 0.3386, 0.2228],

[-0.2659, -0.0920, 0.2061, -0.1724, 0.2801, 0.0933, -0.2850, 0.5054],

[ 0.1444, 0.3070, -0.3323, -0.0273, 0.4109, 0.2483, -0.2698, 0.0600],

[ 0.2877, -0.1583, -0.3425, 0.1260, 0.3081, -0.2793, 0.3801, 0.0752],

[-0.3098, 0.1358, -0.1680, -0.0837, 0.2952, -0.0382, -0.3277, 0.0405],

[ 0.2295, 0.1193, -0.0373, 0.2887, 0.0397, -0.0297, 0.2118, 0.4060],

[ 0.0531, -0.1860, -0.2685, -0.2419, 0.3491, 0.0662, 0.2032, 0.1946],

[ 0.3862, -0.4393, 0.0116, -0.2498, -0.3957, 0.2191, -0.0225, -0.2054],

[-0.1466, 0.2408, 0.0816, 0.2034, -0.3316, 0.0387, 0.2549, -0.1716],

[-0.2054, 0.1451, 0.0361, -0.2597, -0.3461, -0.1511, -0.2499, -0.1335],

[ 0.2295, 0.2674, 0.0324, 0.0357, 0.1538, 0.0395, 0.2249, 0.4499],

[ 0.1410, -0.2950, 0.2581, -0.0874, 0.4510, 0.0471, 0.2107, 0.4317],

[ 0.3417, -0.2260, 0.2341, 0.1550, 0.2158, 0.2816, 0.1469, 0.0747],

[-0.0228, 0.3087, -0.4433, 0.0843, -0.1234, -0.1589, -0.2136, 0.2137],

[-0.2102, -0.2737, 0.2374, -0.3871, 0.2074, -0.1050, -0.3393, 0.6043],

[-0.1475, -0.3217, 0.2537, -0.2439, -0.0040, 0.2345, -0.1268, -0.1411],

[ 0.3760, -0.0627, -0.3103, 0.3568, -0.0472, -0.1013, -0.2481, 0.3729],

[ 0.1050, -0.1279, 0.2711, 0.3136, -0.0610, 0.2867, 0.1488, 0.4819],

[ 0.2961, 0.0682, 0.0518, 0.2145, 0.2603, 0.2667, 0.0830, 0.4636],

[ 0.3798, 0.3452, -0.1658, 0.0636, -0.1862, -0.1803, -0.1603, -0.4512],

[-0.3801, 0.2218, -0.3014, -0.2565, 0.2819, 0.3054, 0.4203, -0.1760],

[-0.2860, -0.1085, 0.1594, 0.0348, -0.2605, 0.3556, 0.0153, 0.1230],

[ 0.2059, 0.2561, 0.0257, -0.0821, -0.2269, -0.4559, -0.1052, 0.0441],

[ 0.0163, -0.0375, -0.3219, -0.1023, -0.0396, -0.2799, 0.0929, -0.3339],

[ 0.1663, -0.0484, 0.2731, 0.0709, 0.0050, 0.3067, 0.0512, -0.5735],

[ 0.0335, -0.0167, -0.2552, 0.0833, -0.3294, -0.1169, -0.1160, 0.1636],

[-0.0007, -0.0787, 0.0911, 0.3517, -0.1480, 0.3829, -0.1109, -0.2636],

[ 0.1037, -0.1293, -0.0286, 0.3062, 0.0378, -0.1807, -0.0949, -0.2630],

[ 0.1800, 0.1847, 0.0356, -0.0735, -0.1060, 0.1504, -0.0587, 0.3530],

[ 0.1764, 0.1518, 0.1862, 0.2832, -0.0276, -0.3970, -0.2464, 0.4569],

[-0.1471, -0.0124, 0.2704, 0.2430, 0.2874, 0.3346, -0.1910, -0.3152]]

**'layer1.bias', Parameter containing:**

[-2.4625e-01, 2.2414e-02, 2.8881e-01, -4.0978e-02, 7.0032e-02,

-2.5577e-01, 3.7080e-01, 3.0624e-01, -9.2289e-02, 1.8121e-01,

4.4832e-02, -1.9405e-01, -1.9176e-01, 7.5056e-02, 7.0888e-02,

3.3173e-01, -3.1704e-01, 3.7330e-01, -2.1319e-01, 4.0608e-02,

-8.7442e-03, 1.9099e-01, -2.1886e-03, 3.0350e-01, -3.4934e-01,

7.1107e-02, -3.4478e-01, -1.1872e-01, -5.7569e-02, -6.9305e-02,

2.3477e-01, -1.2882e-04]

**'layer2.weight', Parameter containing:**

[[-1.6858e-01, -1.3696e-01, -6.9766e-04, -7.0018e-02, -9.2243e-02,

1.0447e-01, -8.9784e-02, 7.6004e-02, 1.1339e-01, -8.5764e-03,

-1.5887e-01, -1.2672e-01, -1.0354e-01, -4.9689e-02, 1.1951e-01,

-4.1248e-03, 5.9801e-02, -1.2593e-01, 1.1874e-02, -5.4931e-02,

-1.1804e-01, -1.6127e-01, 1.7506e-01, 7.9330e-02, 1.1505e-02,

-8.9765e-02, -9.2179e-02, -1.6981e-02, 3.7397e-02, 1.5793e-01,

1.6333e-01, 1.7561e-01],

[ 4.9067e-02, 1.7284e-01, 1.9701e-02, 1.2375e-01, 1.7486e-01,

-5.5165e-02, 4.6269e-02, 1.9815e-01, -2.0026e-01, -2.3407e-02,

-7.7493e-02, 3.2555e-03, 1.3379e-01, -8.2108e-03, 2.5203e-01,

1.4949e-01, 1.4764e-01, 1.3512e-01, 2.0444e-01, -8.9286e-02,

-1.9113e-02, 4.2341e-02, 2.5233e-01, 1.6482e-01, 1.3365e-01,

-1.0601e-01, -1.1126e-01, -2.0166e-01, -1.1806e-01, 1.1391e-01,

1.3525e-01, -1.2428e-01],

[ 8.4450e-02, 2.9460e-02, -1.5688e-01, -1.3982e-02, -7.3748e-02,

-1.5635e-02, 5.6633e-02, 3.0884e-02, 1.4178e-01, 4.3896e-03,

1.6038e-01, 9.1490e-02, -4.4287e-01, -1.7876e-01, -8.8134e-02,

1.2707e-01, -1.4425e-01, 1.3945e-01, -5.6327e-02, -1.6884e-01,

2.1872e-01, 9.9336e-02, -1.2501e-01, 1.3547e-01, 2.7757e-02,

-1.4651e-01, -1.6806e-01, -5.0380e-02, -1.5881e-01, -1.3117e-01,

1.9562e-01, 7.4331e-02],

[ 5.7879e-02, -1.0429e-01, 1.4297e-01, 6.5933e-02, 1.7252e-01,

-4.7258e-02, -5.8774e-02, -1.0650e-01, 1.2298e-01, 8.0849e-02,

-5.5761e-02, -1.5952e-01, -5.7733e-02, -4.7614e-02, -9.4963e-02,

-1.3496e-01, 1.6294e-01, -1.0478e-02, -4.5555e-02, -1.2764e-01,

8.7626e-02, 8.9548e-02, 6.2593e-02, 3.1075e-02, -5.1419e-02,

-1.3257e-01, -1.6178e-01, -1.6032e-01, 1.3351e-01, -1.8673e-02,

1.3369e-01, -8.9922e-02],

[ 1.4477e-02, -1.5190e-02, -3.8211e-01, -3.7924e-01, 1.5958e-01,

4.4898e-02, 1.1268e-01, -2.5927e-01, 7.3251e-02, 1.5515e-01,

-1.8763e-01, 1.4826e-01, -1.4583e-01, 6.6785e-02, -5.4018e-02,

-3.6727e-01, 1.2767e-01, 2.3884e-02, 1.7137e-01, 4.7626e-02,

5.0645e-01, -1.9647e-01, 1.3399e-01, -9.9084e-02, 1.6704e-01,

6.6713e-02, -3.8982e-02, 2.8449e-01, 8.7128e-02, -2.4812e-01,

1.4484e-01, -9.1801e-02],

[ 1.5706e-01, -1.0232e-01, -8.1900e-02, 2.0371e-02, -1.4945e-02,

-1.6858e-01, -4.8284e-02, -5.8761e-02, -6.8171e-02, -1.2172e-01,

-5.3873e-02, -6.1267e-02, -1.0108e-01, -2.4577e-02, 5.8913e-02,

2.3210e-02, 1.5195e-01, -7.6147e-02, -9.4319e-02, -1.0309e-01,

8.5656e-02, -7.5264e-02, -5.2195e-02, 3.9319e-02, 1.7252e-02,

-1.7268e-01, 1.1000e-02, -5.5552e-03, -6.3414e-02, -1.1742e-01,

1.3214e-01, 1.5804e-01],

[-1.5025e-01, -7.9097e-02, 1.3212e-01, 2.7087e-01, 2.1372e-01,

8.0174e-02, 1.8444e-01, 1.2742e-02, 3.5778e-02, -4.1174e-02,

-8.3280e-02, 1.6455e-01, 2.2230e-01, 7.5268e-03, 6.4776e-02,

1.8936e-01, 8.0366e-02, 2.5964e-01, 7.7873e-03, 2.0600e-01,

1.7301e-02, -7.2481e-02, 2.7872e-01, 2.1138e-01, 6.4380e-02,

-1.5367e-01, 1.0559e-01, -2.1785e-01, -1.1923e-01, 9.3365e-03,

2.9668e-02, -1.0511e-01],

[ 2.9813e-02, -9.9234e-02, 1.7015e-01, 1.9243e-01, 2.2000e-01,

8.9262e-02, -9.5292e-03, -1.0089e-02, -1.0288e-01, -9.8897e-02,

-1.1505e-01, -1.1622e-02, 1.7201e-01, 1.1616e-01, 1.1145e-01,

-1.0570e-01, 1.6270e-01, 1.4631e-01, 1.2609e-01, 1.9254e-01,

-1.8337e-01, 6.9978e-02, 1.1414e-02, -1.0863e-01, 6.6719e-02,

-2.1254e-01, 4.9420e-02, -6.8624e-02, -1.3455e-01, 1.3101e-01,

1.0975e-01, 4.8689e-02],

[ 1.3335e-01, -5.8497e-02, 1.5323e-01, 2.6433e-01, -1.3619e-01,

7.7720e-02, -7.9592e-03, 1.3176e-01, -1.4643e-01, -1.0365e-01,

-1.4895e-01, -1.0418e-01, 1.4059e-01, 1.4748e-01, 3.8062e-03,

3.2640e-01, -1.4742e-01, 9.6465e-02, 1.6969e-01, -2.9454e-02,

-6.3471e-02, -2.0888e-01, 2.6662e-01, -1.5440e-01, 1.4420e-01,

-6.4408e-02, -1.3308e-01, 6.6070e-02, -9.3369e-02, 1.2905e-01,

-2.2399e-01, 1.0599e-01],

[-1.2984e-01, -1.5364e-01, -1.9568e-02, -1.6092e-01, 2.4948e-01,

-6.4686e-02, 2.2141e-01, -8.4770e-02, -1.4673e-01, 7.9152e-02,

1.3015e-01, 2.2229e-01, 6.2980e-02, 1.9297e-01, -3.2605e-01,

2.9116e-01, 1.3341e-01, 6.9994e-02, 9.6020e-02, -3.0261e-02,

-4.1711e-01, -1.6853e-01, 1.0666e-01, 1.2229e-01, 5.3552e-02,

-1.7793e-01, -9.1439e-02, -1.3851e-01, 1.4367e-01, 1.8797e-01,

2.3122e-01, -1.8206e-01],

[ 1.5849e-01, 9.8138e-02, 5.8437e-02, 2.2018e-01, -1.0087e-01,

5.6436e-02, -9.7563e-02, 1.4200e-01, -2.8448e-01, -1.6666e-02,

-9.0164e-02, -3.9383e-03, 8.4713e-02, 4.4608e-02, 1.0988e-01,

2.3069e-01, -1.4760e-01, -5.9861e-02, -7.5956e-03, 1.6645e-01,

4.7908e-02, -1.4279e-01, 1.8214e-01, 2.2346e-01, 1.7469e-01,

-2.2821e-02, -2.8814e-02, -6.4256e-02, -1.5107e-01, 2.6357e-02,

2.1856e-01, -3.4861e-03],

[-1.4737e-01, -1.6487e-02, 1.1749e-01, 1.4403e-01, -3.6148e-03,

1.2160e-01, -7.1118e-02, -9.5053e-02, -3.0701e-01, -3.4420e-02,

-8.0434e-02, 1.3088e-01, 2.9385e-01, 8.9263e-02, -5.0078e-03,

1.7468e-01, -1.6217e-01, -2.3875e-02, 2.3912e-01, 2.2670e-01,

4.5500e-02, -7.7678e-02, 1.2164e-01, -5.8686e-02, -9.8253e-02,

5.9863e-02, 1.2087e-01, -1.7378e-01, 9.2751e-02, 1.5187e-01,

1.0867e-01, -9.8789e-02],

[ 1.2730e-02, -1.9285e-02, 1.7141e-01, 8.5938e-02, 1.8258e-01,

5.1801e-02, 2.1803e-01, 1.2863e-01, -2.1984e-01, -1.2865e-01,

1.8047e-01, 5.8552e-02, 2.6140e-01, -6.5740e-02, -1.0236e-03,

2.6384e-01, 1.6195e-01, 2.0918e-02, 1.5855e-01, 2.1501e-01,

4.9917e-05, -6.3968e-02, -7.3796e-03, -5.3899e-02, 1.0884e-01,

-1.6333e-01, 1.1778e-01, -1.9233e-01, 1.9849e-03, 9.3073e-02,

1.2406e-01, -6.1738e-02],

[ 1.6047e-01, 1.9563e-01, 1.0257e-02, 2.0279e-02, -5.9370e-02,

1.2188e-01, 2.9647e-02, 1.7257e-01, -2.0141e-01, -1.1409e-01,

1.5878e-01, 1.8857e-01, 9.7029e-03, 7.0157e-03, 2.7395e-02,

-1.8567e-02, -1.7027e-01, -5.6337e-02, 2.2193e-01, 1.2616e-01,

-6.1818e-02, 9.2097e-02, 2.2083e-01, 2.0516e-01, -1.5197e-01,

-2.8060e-02, 6.3702e-02, -2.2457e-01, 1.3983e-01, -1.1817e-02,

-3.7736e-02, -1.7332e-01],

2.6523e-02, -1.8977e-01, 1.8302e-01, 1.4081e-01, -3.9365e-01,

-7.6131e-03, -8.9322e-02, -7.7988e-02, -2.5901e-01, 8.9462e-02,

-8.0882e-02, -2.4046e-01, -7.7690e-02, -3.0595e-02, -9.4664e-02,

2.0918e-01, -1.4317e-02, 4.8118e-02, -7.7546e-02, -1.4510e-01,

3.4255e-01, -3.3000e-01, -2.1369e-01, 7.4079e-02, -1.5089e-02,

1.9497e-01, 1.2887e-01, 7.5347e-02, 9.7570e-02, -1.0467e-01,

1.2618e-01, 2.0338e-01],

[ 1.6730e-01, 6.1374e-02, -4.8341e-03, -2.5820e-02, 7.6092e-02,

1.9809e-02, 2.2646e-01, -3.6435e-02, 7.8442e-02, 2.0386e-01,

-7.2571e-02, 9.6515e-02, 1.3993e-01, 6.5279e-02, -8.7460e-02,

-4.1803e-02, 4.8282e-02, -1.2016e-01, -6.8534e-02, 2.6088e-02,

-1.2871e-01, 2.5491e-02, 9.2862e-03, -2.7112e-03, 2.5022e-02,

1.6195e-01, 3.5149e-02, -2.8641e-01, -7.1406e-02, 8.5016e-02,

1.9393e-01, 1.3620e-01]]

**'layer2.bias', Parameter containing:**

[-0.1519, 0.1523, -0.1008, -0.1353, -0.0203, -0.1185, 0.0912, 0.1732,

-0.1775, -0.0932, 0.1596, 0.0176, 0.1820, 0.1637, 0.0685, -0.0299]

**'layer3.weight', Parameter containing:**

[[-5.9168e-02, -6.5475e-03, -3.6889e-01, -9.5398e-03, -2.9715e-01,

2.0348e-01, 2.7066e-01, 1.5741e-01, 7.8833e-02, 4.9759e-01,

4.2019e-02, 3.6425e-02, -5.7624e-02, 1.9601e-01, -4.0148e-01,

-1.0821e-01],

[ 2.4946e-01, -2.0078e-01, -7.7209e-02, 1.3519e-01, 2.0556e-01,

-1.6274e-01, 7.2108e-02, -3.3683e-02, -2.3289e-01, -2.0482e-01,

-1.0533e-01, 1.6773e-02, -1.1247e-01, 1.5459e-01, 1.2560e-01, 1.1018e-02],

[ 1.7082e-01, 3.1460e-02, -3.2515e-01, -2.9241e-02, -2.7649e-01,

1.7895e-01, -1.2964e-02, 2.1445e-01, 2.9163e-01, 5.6353e-01,

1.0122e-01, 1.1204e-01, 2.0332e-02, -2.6602e-03, -1.5455e-01,

1.8486e-02],

[-2.2751e-01, -4.2486e-02, 1.3194e-01, 1.5517e-01, -6.4384e-01,

7.4272e-02, -2.5200e-01, -9.1078e-02, 4.2750e-01, 2.5150e-01,

1.2796e-01, 6.0749e-02, 6.8011e-02, 1.2987e-02, -2.8168e-01,

-3.2944e-02],

[ 1.6836e-01, 8.8905e-02, -1.5708e-02, 5.2307e-02, 5.6929e-01,

2.2081e-04, 8.9920e-02, 7.2196e-02, 2.0154e-01, -2.5655e-01,

1.1778e-01, 6.6868e-02, -2.1804e-01, 6.5616e-02, 3.9313e-01,

-5.7399e-02],

[ 1.2445e-01, 3.0447e-01, -3.6809e-01, -1.7669e-01, -5.0580e-01,

-7.5313e-02, 3.1606e-01, 3.2055e-01, -2.0960e-02, 5.4297e-01,

1.2731e-01, 3.0355e-01, 2.9721e-01, 2.8143e-01, -5.2732e-01,

8.8422e-02],

[ 2.8378e-02, 8.7726e-02, -9.0692e-02, -2.0195e-01, -1.5785e+00,

-7.0032e-02, 1.2957e-01, 2.9272e-01, 1.6170e-01, 2.7321e-01,

-9.9896e-02, 1.5605e-01, 2.1383e-02, 1.7427e-01, 2.9116e-01,

-8.0352e-02],

[-9.1194e-02, 1.1436e-01, -1.0004e-01, -1.2407e-01, -4.7158e-01,

-2.3505e-01, -5.0584e-02, 2.0622e-01, -1.8678e-02, 5.2987e-01,

1.7637e-01, 1.1760e-01, 8.5431e-02, 1.0471e-01, -3.6931e-01,

1.4599e-01]]

**'layer3.bias', Parameter containing:**

[ 0.2489, -0.1650, 0.0441, 0.0936, 0.0663, 0.0940, -0.2788, 0.0732]

**'layer4.weight', Parameter containing:**

[[ 0.0160, 0.0370, 0.0892, -0.0437, 0.0408, -0.0806, -0.0713, 0.2268],

[ 0.1897, 0.2339, -0.3366, 0.2515, 0.1184, -0.2061, -0.0709, -0.2599],

[-0.0730, -0.2333, -0.3603, -0.4554, -0.0082, -0.0071, -0.2364, 0.0958],

[ 0.3727, 0.0163, 0.2130, -0.0903, -0.2004, 0.3356, 0.4933, 0.2445]]

**'layer4.bias', Parameter containing:**

[ 0.12927768 -0.07542398 -0.16175497 -0.08678657 -0.03526 -0.17100817 -0.14542145 0.18627447]

**'layer5.weight', Parameter containing:**

[[-0.4119, -0.2126, -0.4566, 0.4756]]

**'layer5.bias', Parameter containing:**

[-0.2391]