**A 5-layer NN. The 1st, 2nd, and 3rd hidden layers have 8, 4, and 8 perceptrons, respectively**

try1

hidden layer 1

[[7.2209609e-01 1.2865033e+00 2.4107542e+00 2.1539643e+00 2.1119609e+00

1.4999655e+00 1.2002746e+00 3.0582523e-01]

[2.0450943e+00 2.8407872e-02 8.5816032e-01 1.2099743e-04 4.9272525e-01

8.7823272e-03 3.7473392e+00 3.6591487e+00]

[1.7974026e+00 1.0199201e+00 2.0265579e-06 1.2399793e-02 6.1339140e-03

2.5346273e-01 3.1934302e+00 1.8426150e+00]

[3.6906409e-01 1.4992490e+00 1.3358883e+00 1.7688519e-01 6.5760612e-03

6.8677586e-01 3.2579243e-01 3.1572528e+00]

[7.5436831e-03 6.0465336e-03 1.4431198e+00 2.3308688e-01 1.3969774e+00

3.4270532e+00 2.9568849e+00 8.5784197e-03]

[2.6458545e+00 2.4138114e+00 1.3444171e+00 2.6361833e+00 2.2005360e+00

1.2488216e-02 1.6440865e+00 1.9735163e+00]

[1.9184996e+00 2.0786624e+00 6.3053304e-01 2.1376669e-01 1.0814301e+00

3.0726194e-04 1.7937591e+00 3.2552481e+00]

[1.4034973e+00 2.1979194e+00 1.8539581e+00 2.5273342e+00 2.4276698e+00

6.5498203e-02 7.1744919e-03 8.3152056e-03]

[0.0000000e+00 1.8000603e-05 2.6537879e+00 6.7971033e-01 1.8482804e-02

2.6155541e+00 2.4389954e+00 3.6583905e+00]

[2.2676060e+00 2.0934966e+00 1.6645813e+00 2.6342812e+00 1.1670067e+00

7.4385113e-01 2.6359403e-01 2.8282332e+00]

[1.3631582e-04 9.2519581e-02 2.2872655e+00 2.3558502e+00 1.7830513e+00

1.1225508e+00 4.6491623e-06 3.4084363e+00]

[2.4797320e+00 2.6144032e+00 4.3791533e-04 1.4639002e-01 1.7533696e-01

1.3425946e-03 2.8599806e+00 2.8038087e+00]

[8.6501771e-01 5.6335157e-01 1.4559917e+00 1.1057911e+00 1.6795135e+00

0.0000000e+00 3.7839174e+00 2.0749762e+00]

[1.4598935e+00 2.5288024e+00 2.9658055e+00 2.9298649e+00 2.0459833e+00

1.7385248e+00 1.1349678e-02 2.1005700e+00]

[1.5169504e+00 1.5825243e+00 1.1472403e+00 1.8641235e+00 1.7500398e+00

1.8713740e-01 2.2231278e+00 4.8589742e-01]

[5.7902056e-01 3.3680594e-01 1.4478409e+00 2.4998492e-01 9.0370518e-01

1.6919476e+00 3.1666884e+00 3.8101206e+00]]

hidden layer 2

[[7.9895487e+00 9.1810303e+00 1.0603929e+00 1.5888587e+01]

[7.8560467e+00 1.3614517e+01 1.7597559e+01 7.9709888e-02]

[1.8813455e-01 8.0432491e+00 1.4015608e+01 5.8652580e-01]

[1.2703702e+01 3.0445437e+00 8.3141632e+00 4.8148260e+00]

[9.4503727e+00 1.9706985e+01 1.1967850e+00 4.9530268e+00]

[2.6071992e+00 2.4421644e+00 1.1830553e+01 1.7269714e+01]

[5.5161276e+00 3.6868181e+00 1.5397345e+01 6.3970499e+00]

[1.4554156e+00 0.0000000e+00 1.9118733e+00 1.9079781e+01]

[2.2550020e+01 1.8430553e+01 7.8035054e+00 4.2596803e+00]

[9.5430918e+00 0.0000000e+00 9.5337191e+00 1.6333090e+01]

[2.0107618e+01 8.3079062e+00 3.1353889e+00 1.1995534e+01]

[5.0772429e-03 3.2752357e+00 1.8656633e+01 4.3769703e+00]

[6.2493882e+00 1.5315868e+01 1.1445286e+01 6.0025158e+00]

[1.3933924e+01 3.7268958e+00 4.4787803e+00 2.1832989e+01]

[0.0000000e+00 6.4923649e+00 7.2793851e+00 1.2010253e+01]

[1.6124311e+01 1.7136198e+01 1.2553326e+01 2.5000758e+00]]

hidden layer 3

[[9.2624626e+00 4.6659584e+01 0.0000000e+00 4.0371712e+01 2.2519608e+01

4.5768685e+00 3.6106524e+00 2.9149307e+01]

[5.8093819e+01 0.0000000e+00 8.6549253e+00 2.7466539e+01 1.3268986e+01

1.1170212e+01 3.5883945e+01 0.0000000e+00]

[3.6041943e+01 0.0000000e+00 1.8649807e+01 7.1338825e+00 2.0312498e+01

1.3092977e+01 3.5379025e+01 0.0000000e+00]

[2.2889921e+01 9.7474594e+00 0.0000000e+00 4.1409233e+01 4.6802682e-01

2.3946957e+01 1.9583611e+00 0.0000000e+00]

[4.1441826e+01 5.1795212e+01 0.0000000e+00 3.1283388e+01 2.4486134e+00

0.0000000e+00 7.9757071e+00 2.5851480e+01]

[7.2746944e+00 9.7199526e+00 0.0000000e+00 3.2372276e+01 4.4468605e+01

4.3183861e+01 2.7348619e+01 1.6898275e+01]

[2.7916389e+01 0.0000000e+00 0.0000000e+00 2.7968775e+01 2.3498697e+01

3.6296963e+01 2.7891970e+01 0.0000000e+00]

[0.0000000e+00 2.5766680e+01 0.0000000e+00 2.7721962e+01 3.7171360e+01

2.8684208e+01 7.7176237e+00 2.4566631e+01]

[5.9127304e+01 4.8840267e+01 0.0000000e+00 6.5984840e+01 0.0000000e+00

0.0000000e+00 7.0709586e-03 1.3286053e+01]

[5.1648903e+00 1.5206180e+01 0.0000000e+00 4.7741344e+01 2.8255451e+01

4.6310703e+01 9.8450670e+00 1.1827274e+01]

[2.3397480e+01 4.7583981e+01 0.0000000e+00 6.6983490e+01 0.0000000e+00

1.2696193e+01 0.0000000e+00 1.6512999e+01]

[3.0013357e+01 0.0000000e+00 1.7983044e+01 1.2869847e+01 3.2024849e+01

3.9147846e+01 4.1661865e+01 0.0000000e+00]

[4.5058586e+01 2.2005457e+01 0.0000000e+00 2.8275082e+01 2.0422443e+01

0.0000000e+00 2.9439280e+01 1.5476196e+01]

[2.4128742e+00 4.4424545e+01 0.0000000e+00 6.3667824e+01 2.7094963e+01

3.5350643e+01 0.0000000e+00 2.5987204e+01]

[1.1502518e+01 1.5867689e+01 0.0000000e+00 1.7826599e+01 3.4187008e+01

1.5785231e+01 2.4340937e+01 1.8934483e+01]

[6.0851578e+01 2.8172853e+01 0.0000000e+00 4.9436691e+01 1.9537657e-03

0.0000000e+00 1.7384039e+01 8.1591244e+00]]

try 2

hidden layer 1

[[3.03805065e+00 5.84521413e-01 5.28611541e-02 1.36185658e+00

1.40030408e+00 7.04269409e-02 3.76500082e+00 1.40058303e+00]

[7.36393094e-01 3.00885606e+00 1.65599108e+00 4.76747751e-03

0.00000000e+00 3.00691795e+00 6.32470012e-01 3.04717779e+00]

[1.36789405e+00 3.66973847e-01 6.84199333e-02 2.22049093e+00

3.40005016e+00 2.46738291e+00 3.10868549e+00 0.00000000e+00]

[2.31020021e+00 2.30828047e+00 1.43671489e+00 2.11793453e-01

3.58677149e-01 1.04797542e+00 1.03191495e-01 2.84994531e+00]

[3.03325415e+00 2.20013666e+00 8.69182467e-01 3.75230098e+00

1.14105928e+00 4.65197682e-01 1.07725644e+00 3.22465134e+00]

[1.09749186e+00 1.13616586e-02 1.50109911e+00 3.43953997e-01

2.66364026e+00 4.43092680e+00 3.23331785e+00 7.05897331e-01]

[6.94017529e-01 8.67595613e-01 3.71336937e-05 1.89110899e+00

1.24220669e-01 1.56566143e+00 4.08938408e+00 2.40925884e+00]

[7.01057911e-03 1.66406441e+00 1.26394415e+00 1.16859078e-02

1.53219700e-03 2.82956052e+00 3.55642796e+00 2.40603685e+00]

[3.40700531e+00 5.77632427e-01 1.67917788e+00 2.03608322e+00

2.76012588e+00 3.90136766e+00 1.03419471e+00 1.73226595e-02]

[9.98004198e-01 2.68769288e+00 4.64272499e-03 1.26113594e-01

1.96945667e-03 1.57925820e+00 2.37667847e+00 3.28154707e+00]

[2.43809199e+00 2.41545296e+00 2.12210417e-03 2.18924952e+00

1.10912323e-03 5.41089892e-01 3.57072663e+00 3.15333319e+00]

[2.77121782e-01 6.38485432e-01 8.48275661e-01 1.73700523e+00

9.29219842e-01 3.22022295e+00 4.47945356e+00 8.81214380e-01]

[2.91444468e+00 2.51637411e+00 2.03183985e+00 3.75947952e-02

2.16994190e+00 2.27458382e+00 9.55104828e-04 1.12767100e+00]

[0.00000000e+00 1.74755549e+00 2.04049611e+00 6.58035278e-05

1.33401084e+00 3.94911861e+00 1.54271102e+00 1.97551835e+00]

[2.86081696e+00 1.82701635e+00 1.72041583e+00 2.45155621e+00

2.66160369e+00 3.55990171e-01 1.02280462e+00 1.04566884e+00]

[1.64490080e+00 1.71327090e+00 2.36496305e+00 4.74681258e-02

2.70258760e+00 3.96481013e+00 1.14080107e+00 7.89520025e-01]]

hidden layer 2

[[2.67681551e+00 2.95549870e+00 1.16941280e+01 1.72988586e+01]

[1.28277607e+01 1.84944515e+01 3.62092090e+00 7.81669378e+00]

[8.67771626e+00 0.00000000e+00 1.85861244e+01 7.45263910e+00]

[3.49166679e+00 1.78173199e+01 4.80212212e+00 1.05883465e+01]

[3.85303378e-01 1.43455124e+01 1.10101328e+01 2.13293591e+01]

[1.74681664e+01 5.65487432e+00 1.76848869e+01 2.07219481e+00]

[1.17591543e+01 1.97732031e+00 5.91457939e+00 1.71704750e+01]

[1.77491131e+01 8.02388573e+00 4.81317186e+00 9.91376686e+00]

[7.04362059e+00 1.12323389e+01 2.28353367e+01 4.06419086e+00]

[1.00768995e+01 1.14916925e+01 1.33665442e+00 1.51115646e+01]

[5.99911547e+00 8.98531628e+00 6.26761103e+00 2.39467316e+01]

[1.71156082e+01 5.60924649e-01 1.22407045e+01 1.00205526e+01]

[4.65783548e+00 1.85512486e+01 1.41580381e+01 4.02315760e+00]

[1.73711338e+01 1.31318798e+01 9.25912476e+00 2.19176126e+00]

[1.64395571e-02 1.17463179e+01 1.63880749e+01 1.13593159e+01]

[1.31118784e+01 1.47577057e+01 1.70341148e+01 4.62982059e-03]]

hidden layer 3

[[1.48093376e+01 2.86958256e+01 0.00000000e+00 5.06933784e+01

4.50503387e+01 7.56022811e-01 0.00000000e+00 1.48863621e+01]

[2.80168858e+01 4.85879822e+01 0.00000000e+00 8.31121540e+00

2.24671860e+01 4.33256378e+01 0.00000000e+00 1.31568928e+01]

[1.60993309e+01 9.98467207e-04 0.00000000e+00 3.62524071e+01

4.29397087e+01 2.42275505e+01 0.00000000e+00 4.71035500e+01]

[2.35880165e+01 4.66079865e+01 0.00000000e+00 3.05149441e+01

9.44841099e+00 2.89168034e+01 0.00000000e+00 1.45542789e+00]

[2.46810913e+01 5.43256989e+01 0.00000000e+00 6.51225357e+01

3.34689064e+01 1.26347475e+01 0.00000000e+00 3.54570746e+00]

[2.41816463e+01 3.98113632e+00 0.00000000e+00 1.31889191e+01

4.24122810e+01 5.08754349e+01 0.00000000e+00 5.93012772e+01]

[1.60701447e+01 3.82479248e+01 0.00000000e+00 2.35517807e+01

6.38547058e+01 2.49904013e+00 0.00000000e+00 1.43461962e+01]

[2.23546467e+01 3.77090302e+01 0.00000000e+00 1.60885739e+00

5.24028130e+01 2.87804279e+01 0.00000000e+00 2.38183861e+01]

[2.65695534e+01 5.40536308e+00 0.00000000e+00 4.65447502e+01

1.84054222e+01 5.26758881e+01 0.00000000e+00 5.37331963e+01]

[2.10058289e+01 5.31805649e+01 0.00000000e+00 1.78000278e+01

4.11226883e+01 1.47605829e+01 0.00000000e+00 6.54400587e-01]

[2.12979774e+01 5.94207497e+01 0.00000000e+00 4.85715027e+01

5.69994240e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00]

[1.88666039e+01 1.76893158e+01 0.00000000e+00 1.43927727e+01

6.40425034e+01 2.37355919e+01 0.00000000e+00 4.17805328e+01]

[2.76701508e+01 2.49983196e+01 0.00000000e+00 3.62691154e+01

0.00000000e+00 5.22170029e+01 0.00000000e+00 2.89977093e+01]

[2.68544846e+01 2.51559410e+01 0.00000000e+00 5.70887327e-03

2.92722511e+01 5.35137978e+01 0.00000000e+00 3.79604187e+01]

[2.20112953e+01 2.40257854e+01 0.00000000e+00 5.80574150e+01

1.60278473e+01 2.74756584e+01 0.00000000e+00 2.39893608e+01]

[2.91827927e+01 1.24827633e+01 0.00000000e+00 1.94918709e+01

1.58191986e+01 6.42428894e+01 0.00000000e+00 5.09902687e+01]]

try 3

hidden layer 1

[[1.1096895e+00 2.5805044e+00 1.8879303e+00 1.4588871e+00 2.0876989e+00

1.7204554e+00 3.2404737e+00 1.4313505e+00]

[6.4496940e-01 8.2192421e-03 1.5912962e-01 0.0000000e+00 1.4878681e+00

2.1983415e-01 3.1165779e+00 1.0558002e+00]

[3.8566831e-01 1.8020116e+00 1.0886196e+00 6.2724245e-01 7.2847533e-01

7.9456711e-01 2.0999179e+00 1.7219877e+00]

[2.2199101e+00 5.4303579e+00 6.6402678e+00 3.5972717e+00 2.9842975e+00

3.3540359e+00 4.3341885e+00 2.5053058e+00]

[1.8456334e+00 5.5936489e+00 6.0784388e+00 4.0349016e+00 2.1509755e+00

1.1226485e+00 2.1116850e+00 2.7393544e+00]

[1.7073305e+00 4.9722357e+00 5.2972093e+00 3.2608333e+00 2.4017658e+00

3.3333974e+00 2.5661004e+00 2.6463411e+00]

[5.5441010e-01 4.8202312e-01 8.4279537e-02 6.6313118e-01 2.3942465e-01

7.6031452e-01 2.2014787e+00 1.5488673e+00]

[1.9016596e+00 1.0984207e+00 1.5327213e+00 0.0000000e+00 3.6091259e+00

3.7689853e+00 5.8185024e+00 0.0000000e+00]

[1.3736804e+00 4.9368434e+00 6.1155934e+00 4.1914225e+00 5.5904388e-03

8.0025673e-02 6.9415569e-03 4.8198843e+00]

[3.2169106e+00 1.9748036e+00 2.7464666e+00 3.4213066e-05 5.2878656e+00

5.8466139e+00 7.8552814e+00 0.0000000e+00]

[8.9572072e-03 1.2931912e+00 1.4917231e-01 1.9283291e+00 2.7403831e-03

3.0404055e-01 1.7187285e-01 1.4157349e+00]

[0.0000000e+00 0.0000000e+00 0.0000000e+00 0.0000000e+00 1.2054981e+00

6.8279505e-03 1.5631797e+00 1.0533140e+00]

[3.2955968e-01 4.1358471e-03 7.6696873e-03 1.8463478e+00 9.3468308e-02

3.8506252e-01 2.5161505e-02 3.8934040e-01]

[8.8209498e-01 7.9789925e-01 1.3762389e+00 1.5302172e+00 1.0818412e+00

8.9900708e-01 8.8424206e-01 1.8367398e+00]

[3.1518199e+00 4.8416390e+00 8.2202930e+00 1.8799906e+00 4.2197771e+00

5.9830537e+00 5.5678473e+00 1.3198900e-01]

[7.1073443e-01 4.6500225e+00 4.1032658e+00 4.8403893e+00 7.0097446e-03

8.8433027e-03 4.4655800e-03 5.8684273e+00]]

hidden layer 2

[[26.311506 0. 33.23889 0. ]

[ 0. 0. 17.418478 0. ]

[19.573885 0. 15.754856 0. ]

[76.601265 0. 62.213806 0. ]

[82.47979 0. 38.65632 0. ]

[69.10052 0. 47.747917 0. ]

[ 8.012182 0. 11.055805 0. ]

[ 0.19998431 0. 59.730026 0. ]

[95.797066 0. 12.538961 0. ]

[ 6.2103553 0. 88.75525 0. ]

[19.107311 0. 0. 0. ]

[ 1.3985119 0. 7.525593 0. ]

[ 8.887114 0. 1.3172308 0. ]

[23.855854 0. 12.169135 0. ]

[63.193867 0. 93.97522 0. ]

[88.49003 0. 2.0413306 0. ]]

hidden layer 3

[[9.7791985e+01 0.0000000e+00 0.0000000e+00 6.5171654e+01 8.3959770e+01

1.4905295e+02 3.8985153e+01 6.4823471e+01]

[4.2951431e+01 0.0000000e+00 0.0000000e+00 2.1351482e+01 8.0947304e+01

2.1047552e+01 2.5567070e+01 8.4828305e-01]

[4.9213734e+01 0.0000000e+00 1.7865383e+01 3.9205402e+01 2.0693886e+01

9.7552574e+01 1.9578911e+01 5.1198246e+01]

[1.9936287e+02 0.0000000e+00 6.4522430e+01 1.4753973e+02 8.3841675e+01

3.9195218e+02 6.3129868e+01 1.8735986e+02]

[1.4196317e+02 0.0000000e+00 1.6720331e+02 1.2759129e+02 0.0000000e+00

3.8279202e+02 3.3918156e+01 2.0721364e+02]

[1.5813319e+02 0.0000000e+00 8.7233398e+01 1.2411922e+02 3.6664623e+01

3.4158517e+02 4.7468231e+01 1.7116550e+02]

[3.0907455e+01 0.0000000e+00 0.0000000e+00 2.2422876e+01 2.9850491e+01

4.4444588e+01 1.6361000e+01 2.2624165e+01]

[1.5183965e+02 0.0000000e+00 0.0000000e+00 6.7997589e+01 2.7725888e+02

8.0823906e+01 7.5829994e+01 0.0000000e+00]

[8.1987518e+01 0.0000000e+00 3.0573236e+02 1.1231201e+02 0.0000000e+00

4.0001984e+02 1.3897896e-01 2.4659778e+02]

[2.2969803e+02 0.0000000e+00 0.0000000e+00 1.0590130e+02 3.9616949e+02

1.4548099e+02 1.0910646e+02 2.0735936e+00]

[8.4576912e+00 0.0000000e+00 7.0567535e+01 2.1442327e+01 0.0000000e+00

7.3715622e+01 9.4366884e-01 5.3239769e+01]

[1.8270414e+01 0.0000000e+00 0.0000000e+00 1.1898245e+01 3.1170147e+01

1.2891288e+01 1.3518964e+01 6.4517155e+00]

[6.3412447e+00 0.0000000e+00 2.8910412e+01 1.2612602e+01 0.0000000e+00

3.4394947e+01 4.6036253e+00 2.6858252e+01]

[4.2300640e+01 0.0000000e+00 4.5793358e+01 3.9574585e+01 0.0000000e+00

1.0979844e+02 1.4438585e+01 6.2874016e+01]

[2.7380051e+02 0.0000000e+00 0.0000000e+00 1.6892384e+02 2.6757681e+02

3.8222775e+02 1.0363769e+02 1.4658708e+02]

[5.1064312e+01 0.0000000e+00 3.1544559e+02 9.3442177e+01 0.0000000e+00

3.5596359e+02 0.0000000e+00 2.3008388e+02]]

try 4

hidden layer 1

[[2.0499260e+00 6.6921878e-01 2.1092319e+00 1.6762724e+00 3.1487453e+00

3.4577167e+00 2.3352137e+00 2.8927774e+00]

[4.0786419e+00 2.2379470e+00 1.4755465e+00 2.7668076e+00 4.9005020e-01

0.0000000e+00 3.4717364e+00 3.0620426e-01]

[3.6304610e+00 3.9300547e+00 1.6920822e+00 2.2330379e+00 1.4229295e+00

3.2054186e-03 2.5356274e+00 1.2965441e-02]

[1.7461061e-02 2.8772151e+00 3.1597953e+00 1.9563437e-03 4.1018395e+00

1.1772795e+00 1.0371377e+00 2.4159141e+00]

[2.3122483e-01 3.2926482e-01 1.9865484e+00 2.1147472e-01 3.2741709e+00

4.0322413e+00 8.0393130e-01 2.9133534e+00]

[2.1994419e+00 1.1829138e-03 4.1151047e-04 2.5770278e+00 5.3937709e-01

4.0208831e+00 1.6577516e+00 2.6873050e+00]

[1.1654261e+00 4.4994271e-01 2.6911469e+00 2.7480006e-01 2.7779107e+00

2.2934661e+00 1.1172283e+00 2.4935865e+00]

[3.5320978e+00 3.4986653e+00 3.7550662e+00 1.7656875e+00 1.4573337e+00

7.0063829e-02 2.7621961e+00 1.5292901e-01]

[1.8760691e+00 3.5441651e+00 2.7497239e+00 8.2910061e-04 3.3858094e+00

1.2606859e-02 2.3969851e+00 5.9666383e-01]

[3.6327446e+00 1.8812129e+00 7.1354866e-02 3.7030032e+00 1.1074052e+00

1.1294019e+00 2.7661908e+00 1.7936115e+00]

[2.4771199e+00 2.8116803e+00 2.2038612e+00 7.8984249e-01 2.3530276e+00

2.5796819e-01 1.9073522e+00 1.5752809e+00]

[5.9706408e-01 2.9790571e+00 2.9607782e+00 1.2195110e-03 3.9647756e+00

1.6428232e-03 1.4989258e+00 9.2653227e-01]

[1.7164469e-02 4.4941050e-01 3.0995636e+00 4.4444799e-03 3.3706069e+00

2.5703454e+00 1.3119042e-02 2.6349053e+00]

[2.7298741e+00 1.3169842e+00 1.0119424e+00 3.0710690e+00 4.8724699e-01

2.4840555e+00 1.8919516e+00 2.6091318e+00]

[1.4849530e+00 1.7362307e+00 5.6927466e-01 1.2171791e+00 1.7493904e+00

1.9268403e+00 1.9342571e+00 2.0559459e+00]

[2.2610230e+00 6.9141388e-04 3.2880306e-03 3.6820445e+00 7.7375174e-03

3.5580578e+00 1.3653877e+00 2.3994083e+00]]

hidden layer 2

[[0.0000000e+00 2.2794609e+01 2.8303257e+01 1.0349260e+01]

[0.0000000e+00 6.6025853e-03 2.0832523e+01 2.6080666e+01]

[0.0000000e+00 4.4728098e+00 1.3823307e+01 2.7594200e+01]

[0.0000000e+00 2.7973122e+01 4.8239913e+00 1.2921145e+01]

[0.0000000e+00 2.7614220e+01 1.9617210e+01 0.0000000e+00]

[0.0000000e+00 8.6469440e+00 3.4342449e+01 3.3803310e+00]

[0.0000000e+00 2.3319286e+01 1.5487421e+01 6.8420067e+00]

[0.0000000e+00 1.1381521e+01 1.2031338e+01 2.8688251e+01]

[0.0000000e+00 1.8972914e+01 3.8016865e+00 2.2791634e+01]

[0.0000000e+00 7.3729819e-01 2.9252159e+01 2.0174931e+01]

[0.0000000e+00 1.4532656e+01 1.0927542e+01 2.0235279e+01]

[0.0000000e+00 2.1877583e+01 0.0000000e+00 1.7573273e+01]

[0.0000000e+00 2.7761868e+01 1.0685656e+01 2.2854662e+00]

[0.0000000e+00 7.2387195e+00 3.0035213e+01 1.2518099e+01]

[0.0000000e+00 1.2052488e+01 1.8797550e+01 1.0442920e+01]

[0.0000000e+00 3.3900225e+00 3.4834831e+01 4.6439962e+00]]

hidden layer 3

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0.00000000e+00 8.78497543e+01 9.32329845e+00 7.97100449e+01]

[0.00000000e+00 4.66012192e+01 4.23444176e+01 8.43130264e+01

6.32918510e+01 4.45339737e+01 5.27075043e+01 3.50497780e+01]

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4.16550560e+01 3.92121239e+01 5.10769234e+01 2.09737530e+01]

[5.32383041e+01 5.77030334e+01 5.55550003e+01 8.70405960e+00

0.00000000e+00 5.45584755e+01 5.98211145e+00 2.62990894e+01]

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0.00000000e+00 7.67619629e+01 0.00000000e+00 6.86573868e+01]

[0.00000000e+00 6.66514130e+01 0.00000000e+00 1.31322203e+01

3.26657715e+01 7.53056870e+01 7.34486914e+00 8.69733200e+01]

[3.59335251e+01 6.29468422e+01 2.00373535e+01 0.00000000e+00

0.00000000e+00 6.48320084e+01 0.00000000e+00 5.15420265e+01]

[0.00000000e+00 5.23688507e+01 7.23716507e+01 7.60386047e+01

2.07055759e+01 4.67543907e+01 4.79928169e+01 2.15006218e+01]

[2.15165825e+01 4.82188797e+01 7.50020294e+01 4.72812958e+01

0.00000000e+00 4.19070282e+01 3.02577477e+01 1.11807480e+01]

[0.00000000e+00 5.68229294e+01 1.55368595e+01 6.92850342e+01

6.71975021e+01 5.89869957e+01 4.28984375e+01 5.90685844e+01]

[5.05552864e+00 5.05744476e+01 5.40617790e+01 4.73575439e+01

0.00000000e+00 4.71846581e+01 2.99629402e+01 2.61484528e+01]

[3.81879654e+01 4.39179993e+01 6.88979187e+01 2.73613396e+01

0.00000000e+00 3.80622978e+01 1.78636456e+01 7.35926676e+00]

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0.00000000e+00 6.17120628e+01 0.00000000e+00 4.61657333e+01]

[0.00000000e+00 6.34313812e+01 4.24760580e-03 3.98915291e+01

4.09075966e+01 6.80582733e+01 2.43963184e+01 7.03954239e+01]

[0.00000000e+00 5.27892685e+01 1.44241171e+01 2.43235741e+01

7.44724989e+00 5.47263947e+01 1.50683270e+01 4.85454216e+01]

[0.00000000e+00 6.00968170e+01 0.00000000e+00 2.28773804e+01

4.97670441e+01 6.86000748e+01 1.34029379e+01 8.33020706e+01]]

try 5

Hidden layer 1

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3.1813049e+00 3.0400763e+00 2.6114268e+00]

[3.8113785e-01 3.3974137e+00 1.0207772e-02 1.9164541e+00 2.0934446e+00

2.1334586e+00 1.9860053e+00 4.0846944e+00]

[3.3654261e+00 9.3520105e-01 4.2014561e+00 1.8615589e+00 1.5838027e-02

2.6368737e+00 2.0111685e+00 6.7903036e-01]

[1.2821916e+00 2.9695053e+00 1.1883068e+00 2.8599868e+00 2.6749301e+00

1.5022755e-03 7.9897070e-01 1.3594416e+00]

[2.7465224e+00 8.7175965e-01 2.2077000e+00 4.7983682e-01 2.7644634e-04

3.2418432e+00 2.8013875e+00 1.7111092e+00]

[9.9942189e-01 3.3853064e+00 1.1214783e+00 1.8736063e+00 1.1057031e+00

3.0224369e+00 2.4725473e+00 2.7601748e+00]

[7.8261209e-01 2.7645183e+00 2.5060258e+00 2.6992536e+00 3.4966631e+00

2.1166801e-03 3.5493970e-03 4.5977157e-01]

[1.4411694e+00 1.1088825e+00 3.3977103e+00 1.7734659e+00 3.7029757e+00

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[2.8284745e+00 1.4317317e+00 4.1179171e+00 2.2230835e+00 9.8426038e-01

1.5734735e+00 1.8108816e+00 6.5354705e-02]

[1.8126197e+00 2.6026990e+00 2.7783823e+00 2.1215618e+00 1.7086484e+00

7.7229065e-01 1.1376197e+00 8.2470703e-01]

[2.0757809e+00 1.5542369e+00 1.8173965e+00 7.6446819e-01 0.0000000e+00

3.4657218e+00 3.0770633e+00 2.3045435e+00]

[5.5743456e-03 3.0465493e+00 3.2085228e-01 1.9065957e+00 3.5303218e+00

1.6079485e-01 4.3309143e-01 2.2896841e+00]

[6.0268438e-01 2.2567902e+00 1.5613639e+00 2.3959346e+00 1.7484877e+00

1.3506272e+00 1.3746791e+00 1.9605070e+00]

[3.0054746e+00 1.7771108e+00 4.1165314e+00 2.6047869e+00 2.7558780e+00

7.6452982e-01 4.6803793e-01 2.2963285e-03]

[2.7298970e+00 8.9618641e-01 2.6440856e+00 1.0887032e+00 2.8975010e-03

3.1868484e+00 2.3455431e+00 4.4735903e-01]

[1.9258571e-01 3.6925211e+00 0.0000000e+00 2.2853022e+00 2.6084275e+00

7.0057762e-01 1.2113131e+00 3.5644956e+00]]

Hidden layer 2

[[0.0000000e+00 1.6236248e+01 8.7279081e-03 2.8706385e+01]

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[0.0000000e+00 2.8715599e-01 1.8473621e+01 2.7764601e+01]

[0.0000000e+00 2.6359028e+01 1.8251478e+01 8.0398855e+00]

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[0.0000000e+00 1.5832607e+01 1.9450041e+01 1.4147577e+01]

[0.0000000e+00 8.6246986e+00 6.6663063e-01 2.8302792e+01]

[0.0000000e+00 3.2336712e+01 1.1271290e+01 2.2869205e+00]

[0.0000000e+00 2.1897154e+01 1.0563358e+01 1.3564352e+01]

[0.0000000e+00 1.2489159e+01 3.1802841e+01 1.3060969e+01]

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[0.0000000e+00 3.6026432e+01 5.9067521e+00 1.0290472e+01]]

Hidden layer 3

[[6.74945679e+01 2.11044903e+01 3.90453339e+01 2.15035019e+01

0.00000000e+00 2.76598186e+01 7.15846558e+01 7.83537292e+01]

[6.02653084e+01 7.85277023e+01 1.14384890e+01 0.00000000e+00

0.00000000e+00 3.47432828e+00 1.05925163e+02 1.19830910e+02]

[1.50682850e+01 4.20439034e+01 5.00248070e+01 1.05710373e+02

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1.99157982e+01 1.77772217e+01 5.38356628e+01 1.15688965e+02]

[4.55366287e+01 0.00000000e+00 4.45961227e+01 6.10166206e+01

0.00000000e+00 3.84719582e+01 2.95212154e+01 4.26857185e+01]

[5.83404655e+01 5.51897392e+01 2.72821941e+01 0.00000000e+00

0.00000000e+00 2.01501045e+01 8.23325348e+01 9.97251053e+01]

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3.71383781e+01 2.12946720e+01 3.41111565e+01 1.14329453e+02]

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3.26893539e+01 2.92506046e+01 6.34436703e+00 8.84755096e+01]

[0.00000000e+00 7.64318390e+01 3.77533722e+01 9.20602646e+01

0.00000000e+00 5.25820961e+01 3.86503983e+00 7.14044800e+01]

[8.78131926e-01 9.89819794e+01 1.98980732e+01 4.22755051e+01

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[5.90162544e+01 2.87189484e+00 4.24856186e+01 4.06403351e+01

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[2.28293190e+01 8.53323441e+01 1.37537909e+01 3.43904686e+00

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[2.85588722e+01 1.21027241e+01 4.42219429e+01 7.80956421e+01

0.00000000e+00 4.43199654e+01 1.25265493e+01 3.97962685e+01]

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7.38944006e+00 1.95147097e-03 9.82282562e+01 1.28907181e+02]]