**A 3-layer NN. The hidden layer has 3 perceptrons**

try 1

Hidden layer is

[[ 7.772562 3.957008 26.747292 ]

[28.765457 8.194037 6.9165335 ]

[ 2.7679968 0.08730698 3.2269406 ]

[ 4.2953014 1.8642874 0.71705437]

[26.54781 0. 22.20281 ]

[24.754803 25.684175 0.10732079]

[ 1.1751652 27.184994 23.884146 ]

[24.08884 2.3425999 11.447575 ]

[ 3.8233619 5.8205123 0.29907417]

[ 0.0680027 16.02259 25.978024 ]

[17.041542 0.6428013 26.844688 ]

[26.924837 15.902605 1.8318129 ]

[ 0.38049984 3.5723705 2.5873728 ]

[11.422945 28.46666 5.551851 ]

[ 0.7523432 2.7052011 7.86227 ]

[ 5.278451 28.150587 12.832911 ]]

try 2

Hidden layer is

[[2.4988646e+01 8.7719917e-02 1.9380608e+01]

[4.3959107e+00 8.1025124e-01 1.4825954e+00]

[1.8496323e-01 3.3060098e+00 4.9058638e+00]

[2.9911983e+01 3.5043378e+00 1.2846886e+01]

[3.8357306e+00 1.1217380e+01 2.6750839e+01]

[2.7452080e+01 2.0967175e+01 3.7226200e-01]

[9.0852146e+00 4.3340473e+00 2.4389004e+01]

[3.5590277e+00 3.7390213e+00 1.6054153e-02]

[2.1826963e+00 2.5553513e-01 3.4099212e+00]

[2.8900156e+00 2.7439304e+01 1.5022261e+01]

[1.6648293e+01 2.6169334e+01 1.2224388e+00]

[0.0000000e+00 2.2518438e+01 2.1955559e+01]

[7.8785515e-01 4.3191333e+00 1.8061848e+00]

[1.9729015e+01 6.3013554e-01 2.6592213e+01]

[8.5342655e+00 2.6212221e+01 5.8110051e+00]

[2.7017372e+01 1.0023004e+01 3.9223933e+00]]

try3

Hidden layer is

[[20.981567 0.38115883 26.18272 ]

[23.69115 3.9330673 8.724324 ]

[ 0.94396114 3.7025523 1.0596018 ]

[ 0.31587887 1.885787 3.250813 ]

[26.21014 0.75515175 18.130371 ]

[26.347393 10.864175 3.8188362 ]

[ 3.1847844 2.0102787 0.2572708 ]

[ 0.08954525 22.798601 17.764366 ]

[ 3.7710018 26.661285 10.832064 ]

[ 4.943976 9.838103 26.68351 ]

[ 2.993648 0.0905838 2.856123 ]

[17.063068 23.78868 0.10044575]

[10.263723 27.013905 4.107551 ]

[25.289217 20.369024 0.05952549]

[ 0.70711136 19.387726 26.422016 ]

[10.671564 3.3612685 24.37188 ]]

try 4

Hidden layer is

[[ 0.8091488 3.490602 1.0015955 ]

[25.550552 10.838986 3.6050696 ]

[11.288412 3.435955 25.278738 ]

[ 0.10238743 23.196985 17.32743 ]

[20.75914 0.39213848 26.063759 ]

[ 5.119523 10.309441 26.834137 ]

[ 3.3462186 26.622078 10.344284 ]

[25.271038 0.5933628 17.398457 ]

[ 8.772989 25.54131 3.7761192 ]

[15.289179 22.827816 0.04129696]

[ 2.7170863 0.08492279 2.5871582 ]

[24.523884 20.724586 0. ]

[22.52906 3.713931 8.221124 ]

[ 0.3377123 2.0178032 3.3583245 ]

[ 3.1250362 2.0505214 0.22078133]

[ 0.81212616 20.279434 26.631134 ]]

try 5

Hidden layer is

[[1.6268253e-01 3.5096331e+00 2.3165665e+00]

[2.6072004e+01 2.3375233e+01 1.0567932e+00]

[6.5781879e-01 1.7619602e+01 2.4209427e+01]

[2.4310423e+01 1.2001258e+01 4.4353728e+00]

[3.6166763e+00 5.1251030e-01 2.3131275e+00]

[3.7531204e+00 1.3327507e+01 1.4262905e+00]

[1.3984085e+01 2.5938627e+01 1.1526966e-01]

[4.9405432e+00 9.7683372e+00 2.6302891e+01]

[1.5466291e+01 2.1605968e-01 2.0014210e+01]

[3.0254612e+00 3.2520361e+00 1.3044453e-01]

[1.3815279e+00 9.4034386e-01 4.0130153e+00]

[7.6293945e-06 2.7072830e+01 2.1126820e+01]

[2.6257832e+01 5.9532695e+00 1.1366480e+01]

[3.0263453e+00 2.6498116e+01 8.3528385e+00]

[2.6662729e+01 1.3781710e+00 2.1502682e+01]

[1.2764270e+01 3.3333817e+00 2.7436140e+01]]