

```

Hiddensize 60
ETA 0.0000000001
MAXITER 20
w_h : [[-1.05730530e+00 -6.36500800e-02 2.51127521e-02 ...
-2.25139218e+00
-1.10951671e+00 2.16784524e-02]
[ 5.27150376e-01 -1.34498858e+00 -1.28597178e-01 ... 3.61424403e-01
-1.03659021e+00 -7.59814397e-01]
[-2.29720543e-01 -2.31528376e-01 6.37092054e-01 ... -8.64171380e-02
1.14270774e-01 2.72690220e-01]
...
[ 7.56822381e-01 -1.29774410e-02 -3.89708422e-02 ... 1.34225296e+00
1.65816767e+00 6.74941160e-05]
[-6.39720940e-01 -1.09144270e+00 9.59267439e-01 ... -1.86079135e+00
-1.85406999e+00 6.32602824e-01]
[-1.46353860e-01 2.12674056e+00 1.10207873e+00 ... 3.86729584e-01
1.49982045e+00 -4.07540399e-02]]
b_h [0.94159544 0.60227422 0.58114912 0.22245304 0.1032277 0.6032382
0.86230774 0.27792954 0.86572622 0.86228621 0.88667896 0.017041
0.22638243 0.17905371 0.12596827 0.67496592 0.40533362 0.15170305
0.80422503 0.38323918 0.19852884 0.91118516 0.83589087 0.02193971
.....
0.25745183 0.61420362 0.03899756 0.52767374 0.57353455 0.96967891
0.65775909 0.68384392 0.82950226 0.55998968 0.27753288 0.54150802
0.43399253 0.60490945 0.53266371 0.01231498 0.22422546 0.56889585
0.53555676 0.44886464 0.40619984 0.07668667 0.63015247 0.39904455
0.79103567 0.71536572]
w_o [[-1.63702011 0.40330285 -0.75243906 ... -0.51590178 -0.45134065
-0.40429875]
[ 0.43557593 -0.45700077 -0.44138906 ... 0.04546106 -0.07384942
0.1436252 ]
[-1.26531314 -0.11008307 0.89536039 ... -1.1769194 -0.36857035
-0.32824961]
...
[-0.32132531 0.83423751 -0.21699102 ... -0.9163541 0.53407799
0.0998572 ]
[-0.38781613 -0.64059866 -0.58123369 ... -0.53049617 1.82539951
1.13274867]
[-0.41105933 -0.68921894 -0.36848459 ... 0.72962776 -0.25634185
-0.56389844]]
b_o [[0.45067446 0.24447524 0.71167938 ... 0.2618163 0.96216102
0.48529505]]

```

The final accuracy is 0.71528569. But based on the random data generating, the final accuracy sometimes is around 0.6 to 0.7.