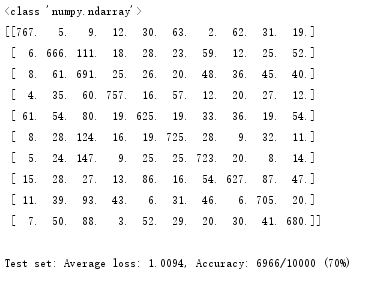
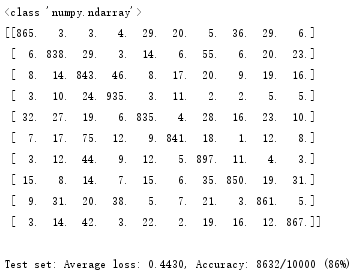
**Part 1: Japanese Character Recognition**

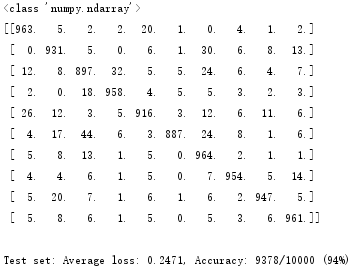
1.



2.



3.



### Part 2: Twin Spirals Task

1.

2. the minimum number of hidden nodes is 7

3.

4.

python spiral\_main.py --net raw --hid 10 --init 0.1

ep:17500 loss: 0.0136 acc: 100.00

python spiral\_main.py --net raw --hid 10 --init 0.11

ep:18500 loss: 0.0213 acc: 100.00

python spiral\_main.py --net raw --hid 10 --init 0.12

ep: 5100 loss: 0.0386 acc: 100.00

5.