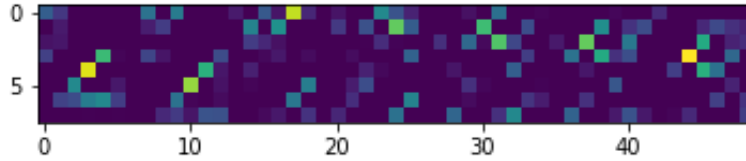


Python 3.6.5 |Anaconda, Inc.| (default, Apr 29 2018, 16:14:56)
Type "copyright", "credits" or "license" for more information.

IPython 6.4.0 -- An enhanced Interactive Python.

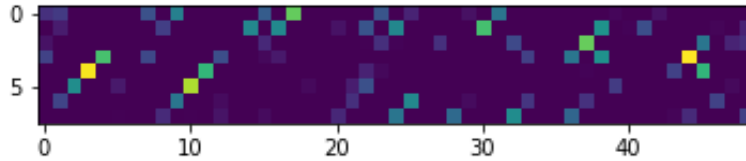
```
In [1]: runfile('/home/chinmay/Desktop/work_space/[repos]/ART/fuzzyART_w_AE.py',  
wdir='/home/chinmay/Desktop/work_space/[repos]/ART')  
INFO:tensorflow:Restoring parameters from models/TF-AE-3/AE.ckpt
```

Viz. of learned encoded digit: 0, sample:1



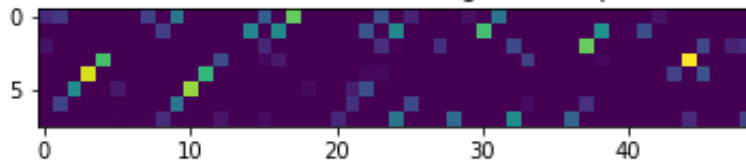
CLASS: 0

Viz. of learned encoded digit: 0, sample:2



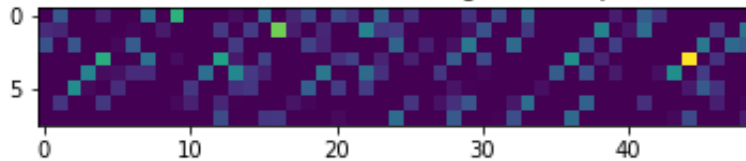
CLASS: 0

Viz. of learned encoded digit: 0, sample:3



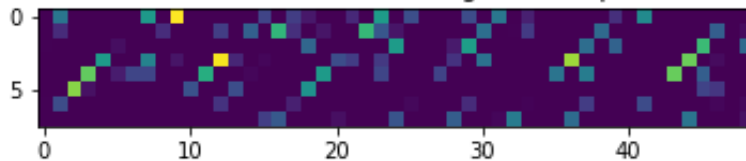
CLASS: 0

Viz. of learned encoded digit: 0, sample:4



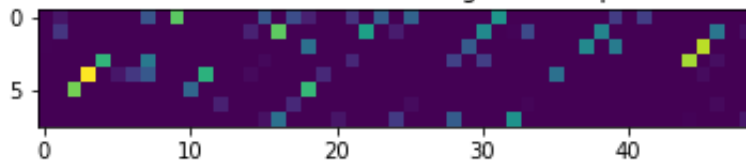
CLASS: 1

Viz. of learned encoded digit: 0, sample:5



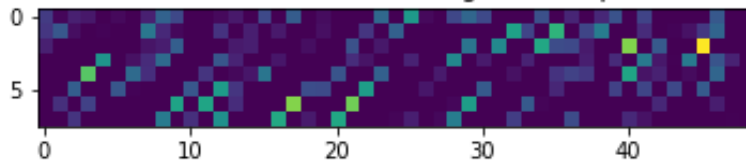
CLASS: 1

Viz. of learned encoded digit: 1, sample:1



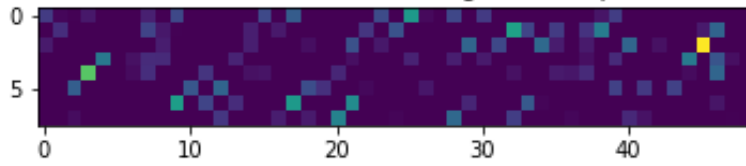
CLASS: 1

Viz. of learned encoded digit: 1, sample:2



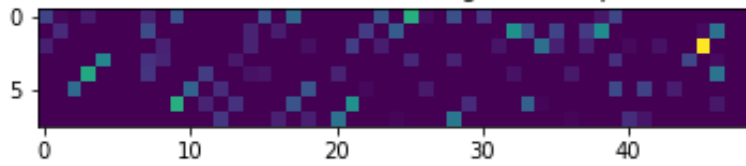
CLASS: 2

Viz. of learned encoded digit: 1, sample:3



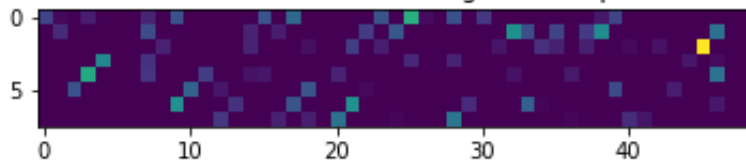
CLASS: 2

Viz. of learned encoded digit: 1, sample:4



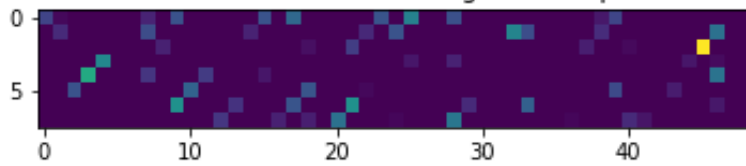
CLASS: 2

Viz. of learned encoded digit: 1, sample:5



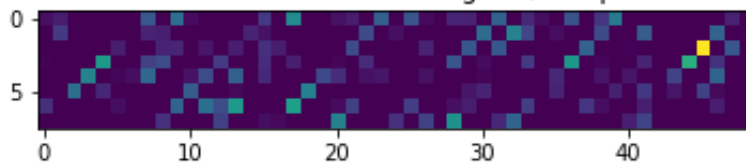
CLASS: 2

Viz. of learned encoded digit: 2, sample:1



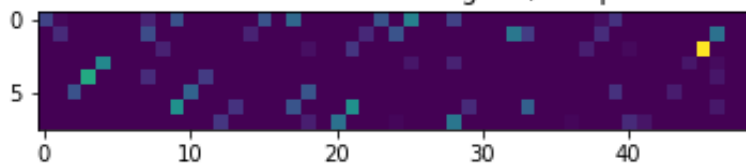
CLASS: 2

Viz. of learned encoded digit: 2, sample:2



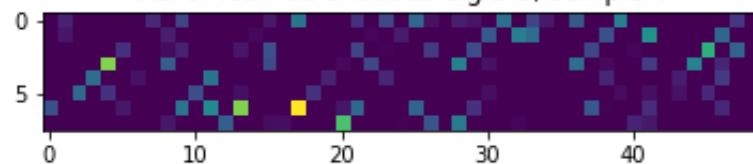
CLASS: 3

Viz. of learned encoded digit: 2, sample:3



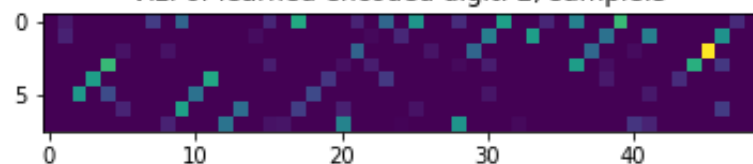
CLASS: 2

Viz. of learned encoded digit: 2, sample:4



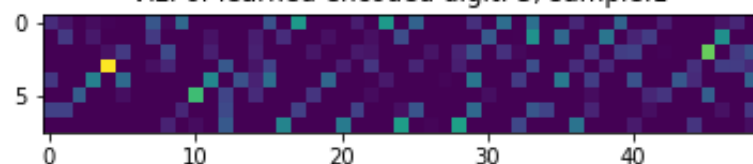
CLASS: 3

Viz. of learned encoded digit: 2, sample:5



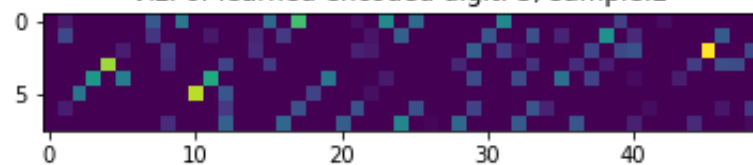
CLASS: 3

Viz. of learned encoded digit: 3, sample:1



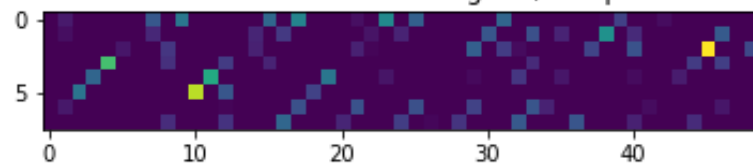
CLASS: 4

Viz. of learned encoded digit: 3, sample:2



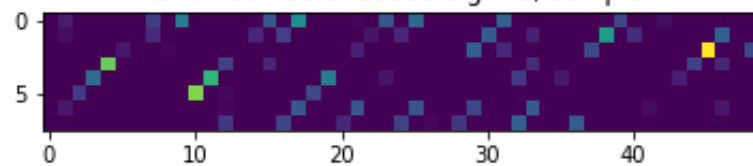
CLASS: 4

Viz. of learned encoded digit: 3, sample:3



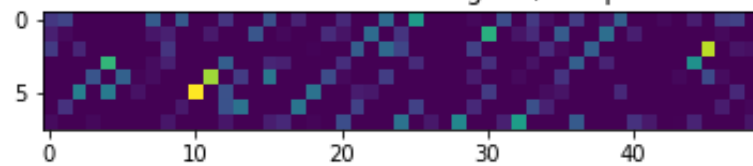
CLASS: 4

Viz. of learned encoded digit: 3, sample:4



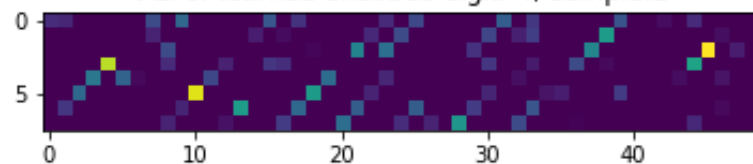
CLASS: 4

Viz. of learned encoded digit: 3, sample:5



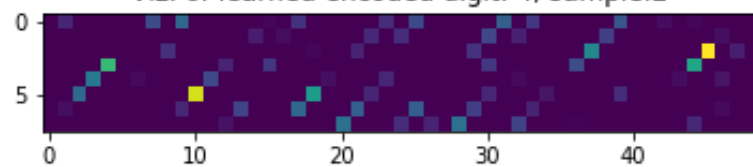
CLASS: 5

Viz. of learned encoded digit: 4, sample:1



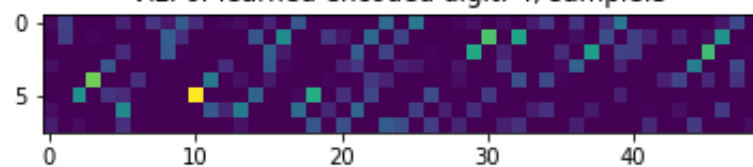
CLASS: 5

Viz. of learned encoded digit: 4, sample:2



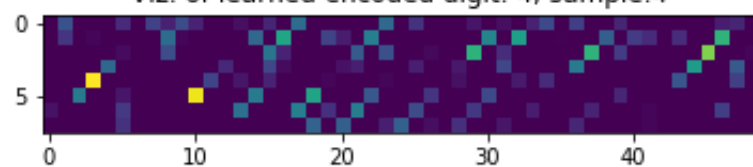
CLASS: 5

Viz. of learned encoded digit: 4, sample:3



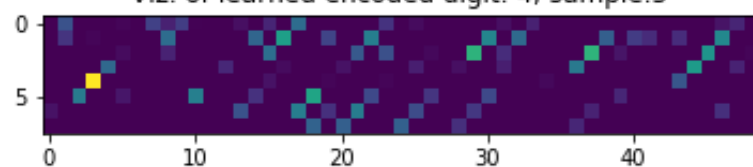
CLASS: 6

Viz. of learned encoded digit: 4, sample:4



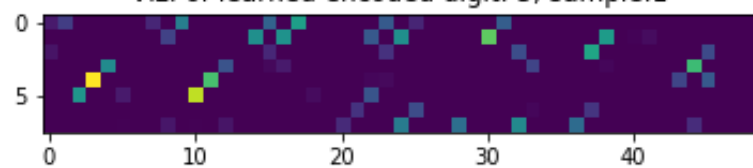
CLASS: 6

Viz. of learned encoded digit: 4, sample:5



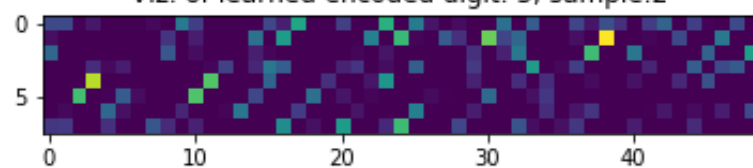
CLASS: 6

Viz. of learned encoded digit: 5, sample:1



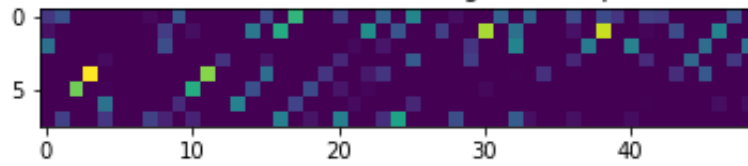
CLASS: 0

Viz. of learned encoded digit: 5, sample:2



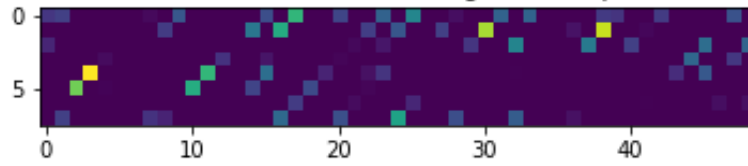
CLASS: 7

Viz. of learned encoded digit: 5, sample:3



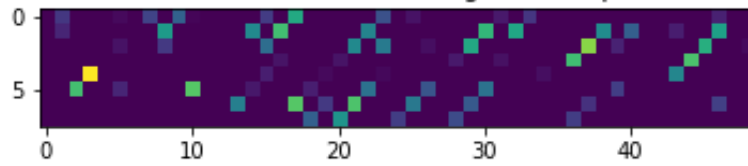
CLASS: 7

Viz. of learned encoded digit: 5, sample:4



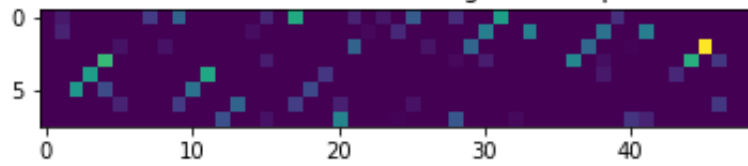
CLASS: 7

Viz. of learned encoded digit: 5, sample:5



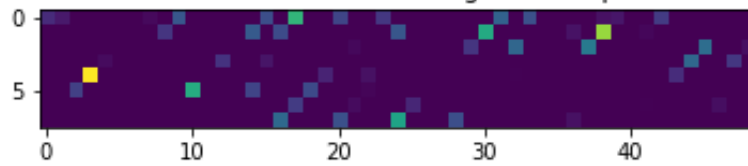
CLASS: 6

Viz. of learned encoded digit: 6, sample:1



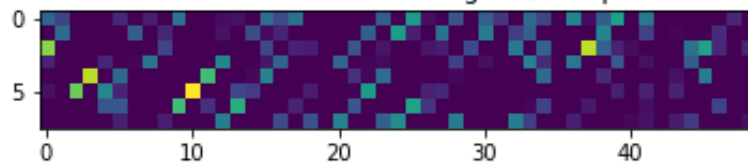
CLASS: 3

Viz. of learned encoded digit: 6, sample:2



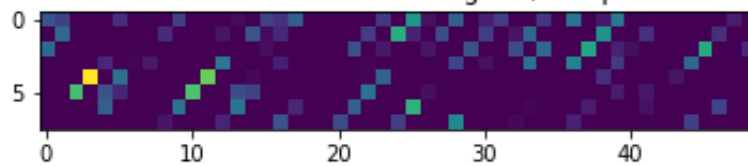
CLASS: 7

Viz. of learned encoded digit: 6, sample:3



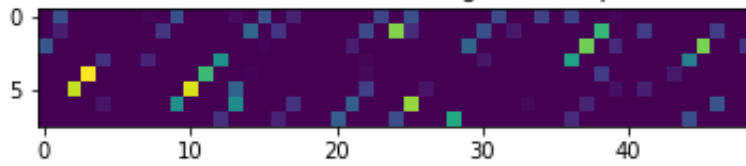
CLASS: 8

Viz. of learned encoded digit: 6, sample:4



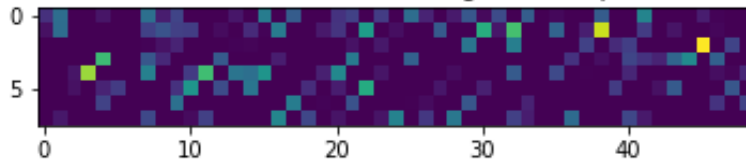
CLASS: 8

Viz. of learned encoded digit: 6, sample:5



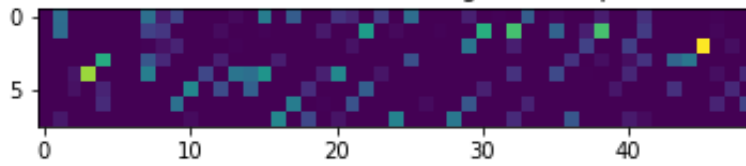
CLASS: 8

Viz. of learned encoded digit: 7, sample:1



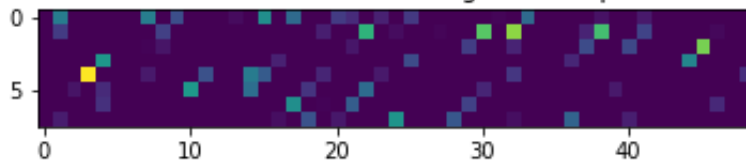
CLASS: 9

Viz. of learned encoded digit: 7, sample:2



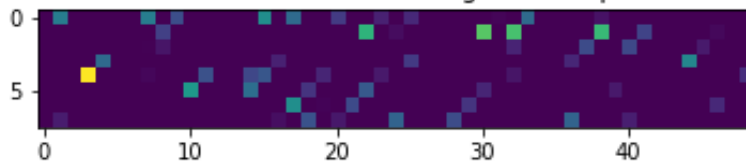
CLASS: 9

Viz. of learned encoded digit: 7, sample:3



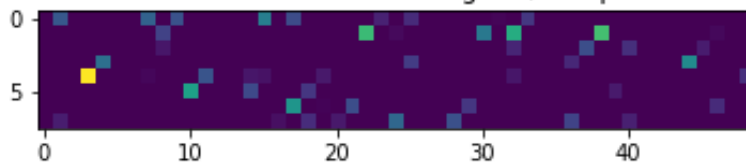
CLASS: 9

Viz. of learned encoded digit: 7, sample:4



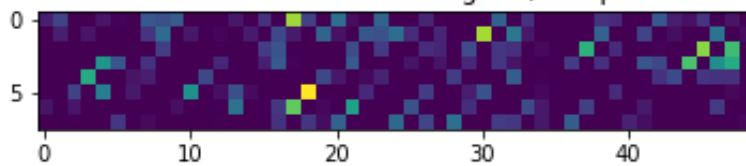
CLASS: 9

Viz. of learned encoded digit: 7, sample:5



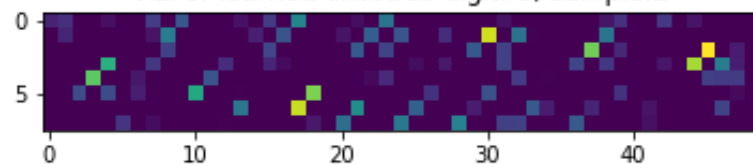
CLASS: 9

Viz. of learned encoded digit: 8, sample:1



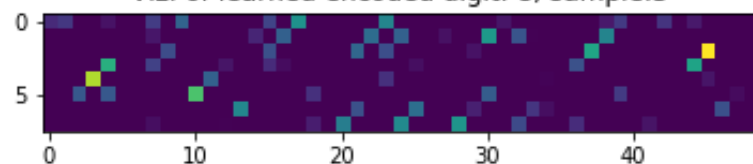
CLASS: 10

Viz. of learned encoded digit: 8, sample:2



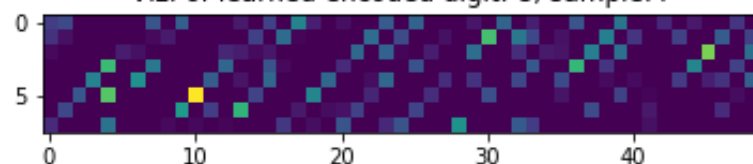
CLASS: 10

Viz. of learned encoded digit: 8, sample:3



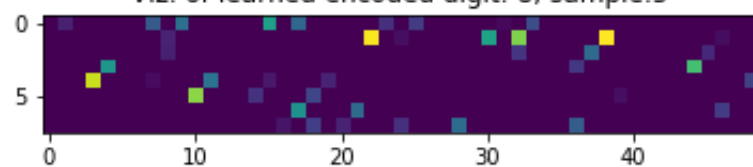
CLASS: 10

Viz. of learned encoded digit: 8, sample:4



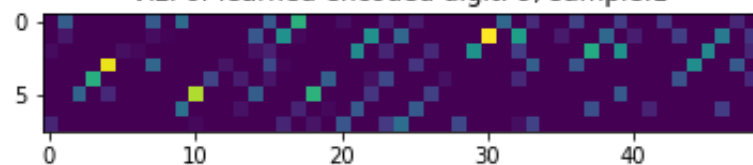
CLASS: 11

Viz. of learned encoded digit: 8, sample:5



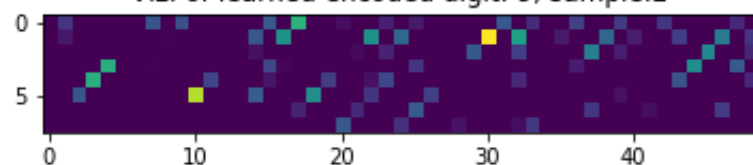
CLASS: 9

Viz. of learned encoded digit: 9, sample:1



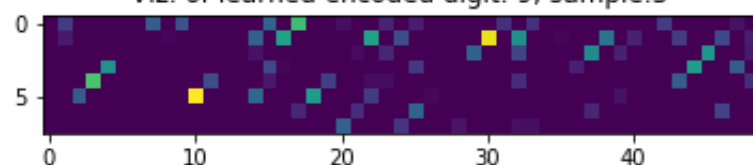
CLASS: 11

Viz. of learned encoded digit: 9, sample:2

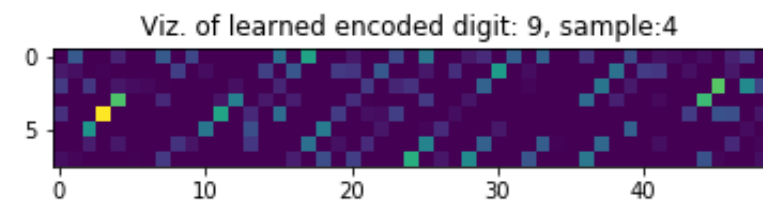


CLASS: 11

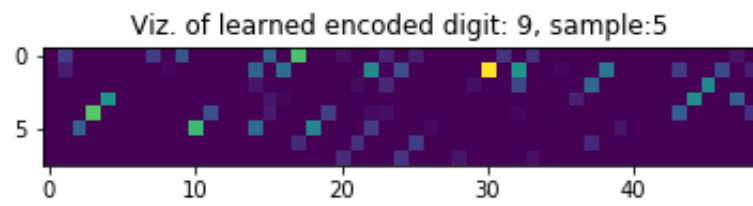
Viz. of learned encoded digit: 9, sample:3



CLASS: 11



CLASS: 12



CLASS: 11

In [2]: