Joveta, 48	MT176504 4	Date	02/12/2020
Expt. No4		Page	No. <u>10</u>
[1.38807019, 1.85022	0317,0]		
[3.06407232, 3.0053			
[7.627531214,2.759			
[6.332441248,2.08			
[6-922596716, 2.77			
[8.675418651, -0.3			
[7.613756+66, 3.5			
n_inputs = len (dataset [O])	- 1		
n-outputs = len (set ([row	-D for row in	dataset]]]
network = initiatize_networks (n			
frain-network (network, datas	it, 0.5, 20, n-ou	tbuts)	
for layer in network;			
print (layer)			
			, , , , , , , , , , , , , , , , , , , ,
	T	ture	
	Teacher's Signa	1016	

Output

```
>epoch = 0, hate = 0.500, error = 6.350
> eboch = 1, drate = 0.500, error = 5.531
> eboch = 2, trate = 0.500, error = 5. 221
> eboch = 3, trate = 0.500, error = 4.951
> choch = 4, drate = 0.500, error = 4.519
> epoch=5, lvate = 0.500, mol = 4.173
> epoch= 6, trate = 0.500,
                             error = 3.835
                  = 0.500, error = 3.506
> epoch = 7, lrate
            Irate =0.500, error = 3.192
>epoch=8,
             lrate = 0.500, error = 2.898
Zepoch =9,
             trate = 0.500, enol = 2.626
> epoch = 10,
                             enol = 2.377
> epoch = 11, trate = 0.50.0,
> epoch=12, lrate = 0.500, mol= 2.153
> epoch=13, trate =0.500, error = 1.953
>epoch=14, trate = 0.500, error= 1.714
>epoch = 15, hate = 0.500, error = 1.614
>epoch=16, hate = 0.500, error = 1.472
> epoch = 17, hate = 0.500, error= 1.346
> epoch = 18, hate = 0.500, error = 1.233
 > epoch = 19, hate = 0.500, error = 1.132.
```

[L'weights': [-1.46883+5095432327, 1.850887325439514,

1.0858178629550297], 'output': 0.0299803056

04089, 'detta': -0.0059566091623236253,

L'weights': [-0.37711098142462157, -0.06259098945529827,

0.2765123702642716], 'output': 0.9456229000113,

'dutta': 0.0026279652850863837]

[h'weight': [2.515394649397849, -0.3391929502446985, -0.9671565426390275, loutput': 0.2364879420235558]
lauta': -0.042700592783645873,

h'weights 1: [-2.558414984848, 1.0036422106209202]
0.42383086467582715, 'output'; 0.7790535204
3836, 'detta': 0.038031325964373543]