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1 /Library/Frameworks/Python.framework/Versions/3.5/bin/  
python3.5 "/Users/sigveskaugvoll/Documents/Skole/2017H/  
TDT4217 - KOGARK/øvinger/øving4/main.py"  
2 I'm Perceptron  
3             MIN weight are -0.5  
4             MAX weight are 0.5  
5             Theta are 0.2  
6             # of weights 2  
7             Y is 0  
8             Weights are [0.3, -0.1]  
9  
10 Training.W0 Before : 0.3  
11 W0 After : 0.3  
12 W1 Before : -0.1  
13 W1 After : -0.1  
14 .W0 Before : 0.3  
15 W0 After : 0.3  
16 W1 Before : -0.1  
17 W1 After : -0.1  
18 .W0 Before : 0.3  
19 W0 After : 0.19999999999999998  
20 W1 Before : -0.1  
21 W1 After : -0.1  
22 .W0 Before : 0.19999999999999998  
23 W0 After : 0.3  
24 W1 Before : -0.1  
25 W1 After : 0.0  
26 .W0 Before : 0.3  
27 W0 After : 0.3  
28 W1 Before : 0.0  
29 W1 After : 0.0  
30 .W0 Before : 0.3  
31 W0 After : 0.3  
32 W1 Before : 0.0  
33 W1 After : 0.0  
34 .W0 Before : 0.3  
35 W0 After : 0.19999999999999998  
36 W1 Before : 0.0  
37 W1 After : 0.0  
38 .W0 Before : 0.19999999999999998  
39 W0 After : 0.3  
40 W1 Before : 0.0  
41 W1 After : 0.1  
42 .W0 Before : 0.3  
43 W0 After : 0.3  
44 W1 Before : 0.1  
45 W1 After : 0.1  
46 .W0 Before : 0.3  
47 W0 After : 0.3  
48 W1 Before : 0.1
```

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49 W1 After : 0.1
50 .W0 Before : 0.3
51 W0 After : 0.19999999999999998
52 W1 Before : 0.1
53 W1 After : 0.1
54 .W0 Before : 0.19999999999999998
55 W0 After : 0.19999999999999998
56 W1 Before : 0.1
57 W1 After : 0.1
58 .W0 Before : 0.19999999999999998
59 W0 After : 0.19999999999999998
60 W1 Before : 0.1
61 W1 After : 0.1
62 .W0 Before : 0.19999999999999998
63 W0 After : 0.19999999999999998
64 W1 Before : 0.1
65 W1 After : 0.1
66 .W0 Before : 0.19999999999999998
67 W0 After : 0.19999999999999998
68 W1 Before : 0.1
69 W1 After : 0.1
70 .W0 Before : 0.19999999999999998
71 W0 After : 0.19999999999999998
72 W1 Before : 0.1
73 W1 After : 0.1
74 Training complete in 1.66seconds and 3 epochs!
75 Now testing
76 [0, 0] should be 0, and are : 0
77 [0, 1] should be 0, and are : 0
78 [1, 0] should be 0, and are : 0
79 [1, 1] should be 1, and are : 1
80 Success rate: 1.0%
81 I'm Perceptron
82             MIN weight are -0.5
83             MAX weight are 0.5
84             Theta are 0.2
85             # of weights 2
86             Y is 1
87             Weights are [0.19999999999999998, 0.1]
88
89
90 Process finished with exit code 0
91
```