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1 /usr/local/bin/python3.10 /Users/lokranjan/  
  PycharmProjects/handwritten-digit-classifier/basic.  
  py  
2 (784, 41000)  
3 Iteration: 0  
4 [0 0 0 ... 0 0 0] [7 7 4 ... 8 9 5]  
5 Accuracy : 9.434  
6 Iteration: 10  
7 [2 7 9 ... 8 4 5] [7 7 4 ... 8 9 5]  
8 Accuracy : 48.724  
9 Iteration: 20  
10 [2 7 9 ... 8 4 5] [7 7 4 ... 8 9 5]  
11 Accuracy : 61.107  
12 Iteration: 30  
13 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
14 Accuracy : 67.432  
15 Iteration: 40  
16 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
17 Accuracy : 71.632  
18 Iteration: 50  
19 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
20 Accuracy : 74.405  
21 Iteration: 60  
22 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
23 Accuracy : 76.588  
24 Iteration: 70  
25 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
26 Accuracy : 78.21  
27 Iteration: 80  
28 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
29 Accuracy : 79.512  
30 Iteration: 90  
31 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
32 Accuracy : 80.573  
33 Iteration: 100  
34 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
35 Accuracy : 81.446  
36 Iteration: 110  
37 [2 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]  
38 Accuracy : 82.146  
39 Iteration: 120
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40 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
41 Accuracy : 82.851
42 Iteration: 130
43 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
44 Accuracy : 83.42
45 Iteration: 140
46 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
47 Accuracy : 83.946
48 Iteration: 150
49 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
50 Accuracy : 84.437
51 Iteration: 160
52 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
53 Accuracy : 84.902
54 Iteration: 170
55 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
56 Accuracy : 85.288
57 Iteration: 180
58 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
59 Accuracy : 85.683
60 Iteration: 190
61 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
62 Accuracy : 85.98
63 Iteration: 200
64 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
65 Accuracy : 86.29
66 Iteration: 210
67 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
68 Accuracy : 86.607
69 Iteration: 220
70 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
71 Accuracy : 86.883
72 Iteration: 230
73 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
74 Accuracy : 87.12
75 Iteration: 240
76 [4 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
77 Accuracy : 87.334
78 Iteration: 250
79 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
80 Accuracy : 87.576
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81 Iteration: 260
82 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
83 Accuracy : 87.766
84 Iteration: 270
85 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
86 Accuracy : 87.944
87 Iteration: 280
88 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
89 Accuracy : 88.146
90 Iteration: 290
91 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
92 Accuracy : 88.329
93 Iteration: 300
94 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
95 Accuracy : 88.522
96 Iteration: 310
97 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
98 Accuracy : 88.676
99 Iteration: 320
100 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
101 Accuracy : 88.844
102 Iteration: 330
103 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
104 Accuracy : 89.027
105 Iteration: 340
106 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
107 Accuracy : 89.217
108 Iteration: 350
109 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
110 Accuracy : 89.356
111 Iteration: 360
112 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
113 Accuracy : 89.493
114 Iteration: 370
115 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
116 Accuracy : 89.598
117 Iteration: 380
118 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
119 Accuracy : 89.705
120 Iteration: 390
121 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
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122 Accuracy : 89.856
123 Iteration: 400
124 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
125 Accuracy : 89.956
126 Iteration: 410
127 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
128 Accuracy : 90.061
129 Iteration: 420
130 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
131 Accuracy : 90.163
132 Iteration: 430
133 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
134 Accuracy : 90.241
135 Iteration: 440
136 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
137 Accuracy : 90.332
138 Iteration: 450
139 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
140 Accuracy : 90.439
141 Iteration: 460
142 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
143 Accuracy : 90.527
144 Iteration: 470
145 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
146 Accuracy : 90.615
147 Iteration: 480
148 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
149 Accuracy : 90.705
150 Iteration: 490
151 [7 7 4 ... 8 4 5] [7 7 4 ... 8 9 5]
152 Accuracy : 90.795
153
154 Process finished with exit code 0
155
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