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1 C:\Users\Admin\conda\envs\torch\python.exe "C:\Users\Admin\Documents\School Material\CSCI499_NaturalLanguageforInteractiveAI\hw3\train.py" --emb_dim 50 --batch_size 128 --learning_rate 0.01 --model_output_dir model_output --in_data_fn lang_to_sem_data.json
2 Using CUDA
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4 {'SliceObject': 0, 'CleanObject': 1, 'CoolObject': 2, 'PickupObject': 3, 'PutObject': 4, 'ToggleObject': 5, 'HeatObject': 6, 'GotoLocation': 7}
5 INFO: had to represent 425655/5251627 (0.0811) tokens as unk with vocab limit 1000
6 INFO: cut off 23988 instances at len 24 before true ending
7 INFO: encoded 476532 instances without regard to order
8 [[ 1 3 94 ... 0 0 0]
9 [ 1 3 13 ... 0 0 0]
10 [ 1 3 4 ... 0 0 0]
11 ...
12 [ 1 3 4 ... 18 2 0]
13 [ 1 3 5 ... 0 0 0]
14 [ 1 3 4 ... 0 0 0]]
15 INFO: had to represent 17717/218166 (0.0812) tokens as unk with vocab limit 1000
16 INFO: cut off 1026 instances at len 24 before true ending
17 INFO: encoded 19962 instances without regard to order
18 EncoderDecoder(
19     (encoder): Encoder(
20         (embedding): Embedding(1000, 50, padding_idx=0)
21         (lstm_e): LSTM(1200, 100)
22     )
23     (decoder): Decoder(
24         (fca): Linear(in_features=100, out_features=8, bias=True)
25         (fct): Linear(in_features=100, out_features=80, bias=True)
26     )
27 )
28 0%|          | 0/1000 [00:00<?, ?it/s]train loss : 4.366317742427382
29 0%|          | 1/1000 [00:09<2:43:30, 9.82s/it]val
```

```
29 loss : 3.879912391687051 | val acc: 0.  
17837966968997931  
30 0% | 2/1000 [00:19<2:40:30, 9.65s/it]  
train loss : 3.5861925980175755  
31 0% | 3/1000 [00:28<2:38:20, 9.53s/it]  
train loss : 3.045126705441205  
32 train loss : 2.645605738560679  
33 0% | 5/1000 [00:47<2:36:18, 9.43s/it]  
train loss : 2.3477676834049577  
34 train loss : 2.1291529957146023  
35 1% | 6/1000 [00:57<2:36:52, 9.47s/it] val  
loss : 2.127751120390036 | val acc: 0.  
5509191755300913  
36 train loss : 1.9660876452394496  
37 1% | 8/1000 [01:15<2:35:45, 9.42s/it]  
train loss : 1.8408919379751496  
38 train loss : 1.7410303945346701  
39 1% | 10/1000 [01:34<2:35:03, 9.40s/it]  
train loss : 1.6591700421460622  
40 train loss : 1.59118741970052  
41 val loss : 1.7339961979633722 | val acc: 0.  
6242356621302091  
42 1% | 12/1000 [01:53<2:35:19, 9.43s/it]  
train loss : 1.533382988699719  
43 train loss : 1.4835612108526197  
44 1% | 14/1000 [02:12<2:34:27, 9.40s/it]  
train loss : 1.4405047351590992  
45 2% | 15/1000 [02:21<2:34:11, 9.39s/it]  
train loss : 1.401890084943943  
46 train loss : 1.3679161821037986  
47 val loss : 1.5918334011848156 | val acc: 0.  
6482010560157971  
48 2% | 17/1000 [02:40<2:34:21, 9.42s/it]  
train loss : 1.3369205963890174  
49 2% | 18/1000 [02:49<2:33:55, 9.40s/it]  
train loss : 1.309176699643874  
50 2% | 19/1000 [02:59<2:33:34, 9.39s/it]  
train loss : 1.2835818875902223  
51 2% | 20/1000 [03:08<2:33:16, 9.38s/it]  
train loss : 1.260036999168109  
52 train loss : 1.238190818835163
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53 val loss : 1.5182896676736 | val acc: 0.  
6566448937623929  
54 2%| | 22/1000 [03:27<2:34:03, 9.45s/it]  
train loss : 1.2177914470041948  
55 train loss : 1.1987284340270579  
56 2%| | 24/1000 [03:46<2:33:41, 9.45s/it]  
train loss : 1.1809102385043457  
57 2%| | 25/1000 [03:56<2:33:33, 9.45s/it]  
train loss : 1.1639066423071094  
58 train loss : 1.1478879735606222  
59 3%| | 26/1000 [04:05<2:34:22, 9.51s/it]  
val loss : 1.4810860936458294 | val acc: 0.  
661988689731329  
60 3%| | 27/1000 [04:15<2:33:58, 9.49s/it]  
train loss : 1.1326407229999622  
61 train loss : 1.1184770825598915  
62 3%| | 29/1000 [04:34<2:33:11, 9.47s/it]  
train loss : 1.1046788488829165  
63 3%| | 30/1000 [04:43<2:32:49, 9.45s/it]  
train loss : 1.091316257997959  
64 train loss : 1.0785265529696864  
65 val loss : 1.4558705297800212 | val acc: 0.  
6636782785256704  
66 3%| | 32/1000 [05:02<2:33:11, 9.50s/it]  
train loss : 1.066508399521251  
67 train loss : 1.054629120364357  
68 3%| | 34/1000 [05:21<2:32:24, 9.47s/it]  
train loss : 1.0435061847014098  
69 4%| | 35/1000 [05:30<2:32:04, 9.46s/it]  
train loss : 1.0325045196593143  
70 train loss : 1.021855856826028  
71 4%| | 36/1000 [05:40<2:32:53, 9.52s/it]  
val loss : 1.4513990531365077 | val acc: 0.  
6630674650271734  
72 4%| | 37/1000 [05:49<2:32:26, 9.50s/it]  
train loss : 1.0115510571909117  
73 train loss : 1.0016299691086266  
74 4%| | 39/1000 [06:08<2:31:17, 9.45s/it]  
train loss : 0.9918897273942023  
75 4%| | 40/1000 [06:18<2:30:46, 9.42s/it]  
train loss : 0.9826047540415431
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76 train loss : 0.9736561410023005
77 4%|          | 41/1000 [06:27<2:31:22, 9.47s/it]
    val loss : 1.4399991425184102 | val acc: 0.
    6655238542037133
78 4%|          | 42/1000 [06:37<2:30:47, 9.44s/it]
    train loss : 0.9648138577022958
79 train loss : 0.956239662518144
80 4%|          | 44/1000 [06:55<2:29:57, 9.41s/it]
    train loss : 0.947455461166765
81 train loss : 0.9396870243366835
82 4%|          | 45/1000 [07:05<2:29:37, 9.40s/it]
    train loss : 0.9316296636049638
83 val loss : 1.4449670414129894 | val acc: 0.
    6661748958703799
84 5%|          | 47/1000 [07:24<2:29:47, 9.43s/it]
    train loss : 0.923396080484193
85 train loss : 0.9158061493349242
86 5%|          | 49/1000 [07:42<2:28:58, 9.40s/it]
    train loss : 0.9085363881292761
87 5%|          | 50/1000 [07:52<2:28:54, 9.41s/it]
    train loss : 0.9009146370652091
88 train loss : 0.8936816814715524
89 5%|          | 51/1000 [08:02<2:29:56, 9.48s/it]
    val loss : 1.4404748915097652 | val acc: 0.
    6697831279956378
90 5%|          | 52/1000 [08:11<2:29:33, 9.47s/it]
    train loss : 0.8867333169557252
91 5%|          | 53/1000 [08:20<2:29:19, 9.46s/it]
    train loss : 0.8796982118400104
92 5%|          | 54/1000 [08:30<2:28:57, 9.45s/it]
    train loss : 0.8726163975115973
93 6%|          | 55/1000 [08:39<2:28:42, 9.44s/it]
    train loss : 0.8663415558758264
94 train loss : 0.8595282105134118
95 val loss : 1.4464521629688067 | val acc: 0.
    67153100669384
96 6%|          | 57/1000 [08:58<2:29:11, 9.49s/it]
    train loss : 0.8531941987319944
97 6%|          | 58/1000 [09:08<2:28:45, 9.47s/it]
    train loss : 0.846808743547311
98 train loss : 0.8405806635884934
```

```
99  6%| | | | | 60/1000 [09:27<2:28:06,  9.45s/it]
    train loss : 0.8343262641925566
100 train loss : 0.8281437445961273
101  6%| | | | | 61/1000 [09:36<2:28:48,  9.51s/it]
    val loss : 1.4533724907117012 | val acc: 0.
    6705917991124667
102  6%| | | | | 62/1000 [09:46<2:28:25,  9.49s/it]
    train loss : 0.8223187808560775
103 train loss : 0.8164357305885867
104  6%| | | | | 64/1000 [10:05<2:27:23,  9.45s/it]
    train loss : 0.8108196686007725
105  6%| | | | | 65/1000 [10:14<2:27:01,  9.43s/it]
    train loss : 0.8050432802447381
106 train loss : 0.7993565871691211
107 val loss : 1.4574167545025165 | val acc: 0.
    6707018113289124
108  7%| | | | | 67/1000 [10:33<2:27:32,  9.49s/it]
    train loss : 0.7941154746992627
109 train loss : 0.7884435924012719
110  7%| | | | | 69/1000 [10:52<2:26:45,  9.46s/it]
    train loss : 0.7830791706732131
111  7%| | | | | 70/1000 [11:01<2:26:31,  9.45s/it]
    train loss : 0.7780106027392716
112 train loss : 0.772765652830166
113 val loss : 1.4690655015217953 | val acc: 0.
    6691698519847332
114  7%| | | | | 72/1000 [11:21<2:26:55,  9.50s/it]
    train loss : 0.7675002060316277
115  7%| | | | | 73/1000 [11:30<2:26:28,  9.48s/it]
    train loss : 0.7621261601546679
116  7%| | | | | 74/1000 [11:39<2:26:05,  9.47s/it]
    train loss : 0.7576076120834596
117  8%| | | | | 75/1000 [11:49<2:25:33,  9.44s/it]
    train loss : 0.7528649669419749
118 train loss : 0.747823712352204
119  8%| | | | | 76/1000 [11:58<2:26:02,  9.48s/it]
    val loss : 1.4762517672318678 | val acc: 0.
    6684186500616562
120 train loss : 0.7428593978890161
121  8%| | | | | 78/1000 [12:17<2:24:57,  9.43s/it]
    train loss : 0.7382711676814177
```

```
122 8%|██████ | 79/1000 [12:26<2:24:32, 9.42s/it]
    train loss : 0.7334431621806135
123 train loss : 0.7287235615668424
124 8%|██████ | 80/1000 [12:36<2:24:07, 9.40s/it]
    train loss : 0.7241047203957058
125 8%|██████ | 81/1000 [12:45<2:24:53, 9.46s/it]
    val loss : 1.486719746238146 | val acc: 0.
    6695425793146476
126 8%|██████ | 82/1000 [12:55<2:24:19, 9.43s/it]
    train loss : 0.7198488741929
127 train loss : 0.715089047632325
128 8%|██████ | 84/1000 [13:14<2:23:37, 9.41s/it]
    train loss : 0.710528226924013
129 8%|██████ | 85/1000 [13:23<2:23:19, 9.40s/it]
    train loss : 0.7062910944663675
130 train loss : 0.7021257839646674
131 9%|██████ | 86/1000 [13:33<2:23:57, 9.45s/it]
    val loss : 1.4970702253855193 | val acc: 0.
    6697683502466251
132 train loss : 0.6975404644425505
133 9%|██████ | 88/1000 [13:51<2:23:00, 9.41s/it]
    train loss : 0.6934213051464876
134 train loss : 0.6890185713655936
135 9%|██████ | 90/1000 [14:10<2:22:26, 9.39s/it]
    train loss : 0.6850674400126585
136 train loss : 0.6807781032519478
137 9%|██████ | 91/1000 [14:20<2:23:11, 9.45s/it]
    val loss : 1.5105507362347383 | val acc: 0.
    6712280630301206
138 9%|██████ | 92/1000 [14:29<2:22:49, 9.44s/it]
    train loss : 0.6766213589287111
139 9%|██████ | 93/1000 [14:38<2:22:38, 9.44s/it]
    train loss : 0.6727146212048598
140 train loss : 0.6688646728989901
141 10%|██████ | 95/1000 [14:57<2:22:26, 9.44s/it]
    train loss : 0.6646643881832371
142 train loss : 0.6607089912638432
143 10%|██████ | 96/1000 [15:07<2:23:01, 9.49s/it]
    val loss : 1.5228514587267852 | val acc: 0.
    6733815085429412
144 10%|██████ | 97/1000 [15:16<2:22:39, 9.48s/it]
```

```
144 train loss : 0.6570099190361808
145 train loss : 0.6529253400159785
146 10%|██████| 99/1000 [15:35<2:22:03, 9.46s/it]
    train loss : 0.649076191705944
147 10%|██████| 100/1000 [15:45<2:21:50, 9.46s/it]
    train loss : 0.6453437218334993
148 train loss : 0.6416065044422928
149 val loss : 1.5294581544704926 | val acc: 0.
    6704645462525196
150 10%|██████| 102/1000 [16:04<2:21:36, 9.46s/it]
    train loss : 0.6379260898853162
151 10%|██████| 103/1000 [16:13<2:21:04, 9.44s/it]
    train loss : 0.6343645167277123
152 10%|██████| 104/1000 [16:22<2:20:42, 9.42s/it]
    train loss : 0.6307433320971353
153 10%|██████| 105/1000 [16:32<2:20:20, 9.41s/it]
    train loss : 0.6272289067578835
154 train loss : 0.6236466001253951
155 11%|██████| 106/1000 [16:41<2:20:57, 9.46s/it]
    val loss : 1.5534357103781822 | val acc: 0.
    6707543543516061
156 train loss : 0.6202114983060301
157 11%|██████| 108/1000 [17:00<2:20:02, 9.42s/it]
    train loss : 0.6165230022765859
158 11%|██████| 109/1000 [17:10<2:19:39, 9.40s/it]
    train loss : 0.6131522728732092
159 train loss : 0.6100297985203702
160 11%|██████| 110/1000 [17:19<2:19:40, 9.42s/it]
    train loss : 0.6062936434782932
161 11%|██████| 111/1000 [17:29<2:20:31, 9.48s/it]
    val loss : 1.5656598691756909 | val acc: 0.
    6681805638930737
162 11%|██████| 112/1000 [17:38<2:20:12, 9.47s/it]
    train loss : 0.6029790579600262
163 train loss : 0.5997245129705148
164 11%|██████| 114/1000 [17:57<2:19:34, 9.45s/it]
    train loss : 0.5964971689120627
165 train loss : 0.5932727740587741
166 12%|██████| 115/1000 [18:06<2:19:07, 9.43s/it]
    train loss : 0.5898746985230688
167 12%|██████| 116/1000 [18:16<2:19:33, 9.47s/it]
```

```
167 val loss : 1.5762829238023512 | val acc: 0.  
6654516076430296  
168 12%|██████████| 117/1000 [18:25<2:18:59, 9.45s/it]  
train loss : 0.5868429533182662  
169 12%|██████████| 118/1000 [18:35<2:18:30, 9.42s/it]  
train loss : 0.5836100009478391  
170 train loss : 0.5802770974637359  
171 12%|██████████| 120/1000 [18:53<2:17:53, 9.40s/it]  
train loss : 0.5774629867560371  
172 train loss : 0.5743201565684857  
173 12%|██████████| 121/1000 [19:03<2:18:31, 9.46s/it]  
val loss : 1.6015659257387505 | val acc: 0.  
663107693195343  
174 train loss : 0.5713134040971485  
175 12%|██████████| 123/1000 [19:22<2:17:38, 9.42s/it]  
train loss : 0.5680533383134677  
176 train loss : 0.5652028339990774  
177 12%|██████████| 125/1000 [19:41<2:17:02, 9.40s/it]  
train loss : 0.5622422687475187  
178 train loss : 0.5593184327490062  
179 val loss : 1.607889894491587 | val acc: 0.  
6626742130670792  
180 13%|██████████| 127/1000 [20:00<2:17:28, 9.45s/it]  
train loss : 0.5564852242160158  
181 13%|██████████| 128/1000 [20:09<2:17:16, 9.45s/it]  
train loss : 0.5534125494238128  
182 13%|██████████| 129/1000 [20:18<2:16:53, 9.43s/it]  
train loss : 0.5506752825474951  
183 train loss : 0.5479355501433774  
184 13%|██████████| 130/1000 [20:28<2:16:25, 9.41s/it]  
train loss : 0.544867649070044  
185 13%|██████████| 131/1000 [20:37<2:17:02, 9.46s/it]  
val loss : 1.6193598409493764 | val acc: 0.  
6620863870932505  
186 13%|██████████| 132/1000 [20:47<2:16:28, 9.43s/it]  
train loss : 0.5422683596579003  
187 13%|██████████| 133/1000 [20:56<2:15:59, 9.41s/it]  
train loss : 0.5395016586775745  
188 13%|██████████| 134/1000 [21:05<2:15:41, 9.40s/it]  
train loss : 0.5368559909321562  
189 train loss : 0.5340780217961986
```

```
190 14%|██████| 135/1000 [21:15<2:15:20, 9.39s/it]
    train loss : 0.5310064483731145
191 14%|██████| 136/1000 [21:24<2:16:01, 9.45s/it]
    val loss : 1.6350595416166844 | val acc: 0.
    6634484025148245
192 train loss : 0.5285789408800329
193 14%|██████| 138/1000 [21:43<2:15:12, 9.41s/it]
    train loss : 0.525955490821989
194 train loss : 0.5235221466525345
195 14%|██████| 140/1000 [22:02<2:14:37, 9.39s/it]
    train loss : 0.5207725365556378
196 train loss : 0.5180317476740006
197 val loss : 1.6557044333372362 | val acc: 0.
    6603032060158558
198 14%|██████| 142/1000 [22:21<2:14:51, 9.43s/it]
    train loss : 0.5156210453967205
199 14%|██████| 143/1000 [22:30<2:14:29, 9.42s/it]
    train loss : 0.5133147289035399
200 train loss : 0.5106218843059197
201 14%|██████| 145/1000 [22:49<2:13:52, 9.39s/it]
    train loss : 0.5085126024130817
202 train loss : 0.5056541986821513
203 val loss : 1.6657259479547157 | val acc: 0.
    6621208683802531
204 15%|█████| 147/1000 [23:08<2:14:00, 9.43s/it]
    train loss : 0.5031569033116703
205 train loss : 0.5006822374257355
206 15%|█████| 149/1000 [23:27<2:13:17, 9.40s/it]
    train loss : 0.49855275088313317
207 train loss : 0.4962206419768463
208 15%|█████| 150/1000 [23:36<2:13:03, 9.39s/it]
    train loss : 0.49388691466356716
209 15%|█████| 151/1000 [23:46<2:13:41, 9.45s/it]
    val loss : 1.6806825831150398 | val acc: 0.
    6617103757766577
210 train loss : 0.4914984887737502
211 15%|█████| 153/1000 [24:04<2:12:47, 9.41s/it]
    train loss : 0.4891914941756725
212 train loss : 0.48695914322030565
213 16%|█████| 155/1000 [24:23<2:12:13, 9.39s/it]
    train loss : 0.4844728376062974
```

```
214 train loss : 0.48236660404756704
215 16%|██████| 156/1000 [24:33<2:12:49, 9.44s/it]
    val loss : 1.695904206771117 | val acc: 0.
    656071024827468
216 16%|██████| 157/1000 [24:42<2:12:20, 9.42s/it]
    train loss : 0.4801986367951277
217 train loss : 0.47778096380427165
218 16%|██████| 159/1000 [25:01<2:11:39, 9.39s/it]
    train loss : 0.4757616386125717
219 train loss : 0.47356053393933517
220 16%|██████| 160/1000 [25:10<2:11:29, 9.39s/it]
    train loss : 0.47142430411898384
221 16%|██████| 161/1000 [25:20<2:12:06, 9.45s/it]
    val loss : 1.7042612662682166 | val acc: 0.
    6583147786366634
222 train loss : 0.46924250104832066
223 16%|██████| 163/1000 [25:39<2:11:19, 9.41s/it]
    train loss : 0.46704053769116755
224 16%|██████| 164/1000 [25:48<2:11:01, 9.40s/it]
    train loss : 0.46523745820274476
225 train loss : 0.46289353189114885
226 16%|██████| 165/1000 [25:57<2:10:44, 9.39s/it]
    train loss : 0.46090453033033574
227 17%|██████| 166/1000 [26:07<2:11:21, 9.45s/it]
    val loss : 1.721074986916322 | val acc: 0.
    6575964161982903
228 17%|██████| 167/1000 [26:16<2:10:53, 9.43s/it]
    train loss : 0.45870860346840364
229 17%|██████| 168/1000 [26:26<2:10:34, 9.42s/it]
    train loss : 0.4568163024708369
230 train loss : 0.4547548189363011
231 17%|██████| 170/1000 [26:44<2:09:54, 9.39s/it]
    train loss : 0.4527961303037948
232 train loss : 0.4506538992258864
233 17%|██████| 171/1000 [26:54<2:10:33, 9.45s/it]
    val loss : 1.7326567471027374 | val acc: 0.
    6586858645463601
234 train loss : 0.448860895480003
235 17%|██████| 173/1000 [27:13<2:09:46, 9.41s/it]
    train loss : 0.44694904024854576
236 train loss : 0.44476694242066667
```

```
237 18%|██████| 175/1000 [27:31<2:09:12, 9.40s/it]
    train loss : 0.44268523312338637
238 train loss : 0.4411857402952262
239 val loss : 1.7526190892243996 | val acc: 0.
    6581949148422632
240 18%|██████| 177/1000 [27:50<2:09:20, 9.43s/it]
    train loss : 0.43915411276007865
241 train loss : 0.4373952754436242
242 18%|██████| 179/1000 [28:09<2:09:10, 9.44s/it]
    train loss : 0.43514278725594113
243 18%|██████| 180/1000 [28:19<2:09:03, 9.44s/it]
    train loss : 0.43365812712688456
244 train loss : 0.4317392210525881
245 val loss : 1.768747445482474 | val acc: 0.
    6582499207594456
246 18%|██████| 182/1000 [28:38<2:09:17, 9.48s/it]
    train loss : 0.4299804458423164
247 train loss : 0.42810595996143547
248 18%|██████| 184/1000 [28:57<2:08:42, 9.46s/it]
    train loss : 0.42603689434545644
249 18%|██████| 185/1000 [29:06<2:08:28, 9.46s/it]
    train loss : 0.42445657845549517
250 train loss : 0.4229957316588113
251 val loss : 1.7829100283292623 | val acc: 0.
    6571005410872973
252 19%|██████| 187/1000 [29:25<2:08:31, 9.49s/it]
    train loss : 0.4209690320293269
253 19%|██████| 188/1000 [29:35<2:08:12, 9.47s/it]
    train loss : 0.41919793499563124
254 19%|██████| 189/1000 [29:44<2:07:55, 9.46s/it]
    train loss : 0.41774246736604487
255 19%|██████| 190/1000 [29:54<2:07:41, 9.46s/it]
    train loss : 0.41605887283265125
256 train loss : 0.4144594664138842
257 19%|██████| 191/1000 [30:03<2:08:16, 9.51s/it]
    val loss : 1.7958195003179402 | val acc: 0.
    6549569471524312
258 train loss : 0.4124134561202554
259 19%|██████| 193/1000 [30:22<2:06:58, 9.44s/it]
    train loss : 0.4108754124271271
260 train loss : 0.40914998772465794
```

```
261 20%|██████| 195/1000 [30:41<2:06:13, 9.41s/it]
    train loss : 0.40731788531302
262 train loss : 0.40597351149561073
263 val loss : 1.8135633774292774 | val acc: 0.
    6534873827909812
264 20%|██████| 197/1000 [31:00<2:06:18, 9.44s/it]
    train loss : 0.40424557029400465
265 20%|██████| 198/1000 [31:09<2:05:52, 9.42s/it]
    train loss : 0.40273145378724623
266 train loss : 0.4011133717827793
267 20%|██████| 200/1000 [31:28<2:05:14, 9.39s/it]
    train loss : 0.3995594221467201
268 train loss : 0.39802721784763556
269 val loss : 1.8313293495239356 | val acc: 0.
    6529512791297375
270 20%|██████| 202/1000 [31:47<2:05:17, 9.42s/it]
    train loss : 0.3964525124629979
271 20%|██████| 203/1000 [31:56<2:04:55, 9.40s/it]
    train loss : 0.3952921434872707
272 train loss : 0.3933926341140139
273 20%|██████| 205/1000 [32:15<2:04:19, 9.38s/it]
    train loss : 0.39172316907539567
274 train loss : 0.3904769264447763
275 21%|██████| 206/1000 [32:24<2:04:58, 9.44s/it]
    val loss : 1.8376511129049153 | val acc: 0.
    6502395635231947
276 train loss : 0.38904208198626006
277 21%|██████| 208/1000 [32:43<2:04:08, 9.40s/it]
    train loss : 0.3874832785861197
278 21%|██████| 209/1000 [32:52<2:03:52, 9.40s/it]
    train loss : 0.3859622420609526
279 21%|██████| 210/1000 [33:02<2:03:33, 9.38s/it]
    train loss : 0.38459768332190775
280 train loss : 0.38297629650965387
281 val loss : 1.858704482897734 | val acc: 0.
    6514365604290595
282 21%|██████| 212/1000 [33:21<2:04:15, 9.46s/it]
    train loss : 0.3817201053787232
283 21%|██████| 213/1000 [33:31<2:04:44, 9.51s/it]
    train loss : 0.3803043876312575
284 21%|██████| 214/1000 [33:40<2:04:03, 9.47s/it]
```

```
284 train loss : 0.37889565193633895
285 train loss : 0.37728891626356625
286 22%|██████| 215/1000 [33:49<2:03:32, 9.44s/it]
    train loss : 0.3760189049480232
287 val loss : 1.8675964849117475 | val acc: 0.
    6532944513437076
288 22%|██████| 217/1000 [34:08<2:03:18, 9.45s/it]
    train loss : 0.37464196293577534
289 22%|██████| 218/1000 [34:18<2:02:51, 9.43s/it]
    train loss : 0.3730727472381825
290 train loss : 0.3720398209378696
291 22%|██████| 220/1000 [34:36<2:02:12, 9.40s/it]
    train loss : 0.3707653860227094
292 train loss : 0.36925486976537464
293 22%|██████| 221/1000 [34:46<2:02:40, 9.45s/it]
    val loss : 1.8813259181303856 | val acc: 0.
    6532222044009429
294 22%|██████| 222/1000 [34:55<2:02:13, 9.43s/it]
    train loss : 0.36784342876724296
295 22%|██████| 223/1000 [35:05<2:01:56, 9.42s/it]
    train loss : 0.3665653468579206
296 train loss : 0.3654415463884127
297 22%|██████| 225/1000 [35:23<2:00:57, 9.37s/it]
    train loss : 0.3640871959614107
298 train loss : 0.3625642617175312
299 23%|██████| 226/1000 [35:33<2:01:23, 9.41s/it]
    val loss : 1.8947546237554305 | val acc: 0.
    6532566856879455
300 23%|██████| 227/1000 [35:42<2:00:49, 9.38s/it]
    train loss : 0.36140395469989567
301 23%|██████| 228/1000 [35:51<2:00:29, 9.37s/it]
    train loss : 0.36013697661317357
302 23%|██████| 229/1000 [36:01<2:00:25, 9.37s/it]
    train loss : 0.3589298080571902
303 train loss : 0.3575595452633078
304 23%|██████| 230/1000 [36:10<2:00:11, 9.37s/it]
    train loss : 0.3562440085708855
305 val loss : 1.9108786987952697 | val acc: 0.
    6500893231385794
306 23%|██████| 232/1000 [36:29<2:00:07, 9.38s/it]
    train loss : 0.3552622398341051
```

```
307 23%|██████| 233/1000 [36:38<1:59:40, 9.36s/it]
    train loss : 0.35414224193040444
308 23%|██████| 234/1000 [36:48<1:59:33, 9.37s/it]
    train loss : 0.35267178148327416
309 24%|██████| 235/1000 [36:57<1:59:13, 9.35s/it]
    train loss : 0.3512961167362855
310 train loss : 0.3504214569457974
311 24%|██████| 236/1000 [37:07<1:59:41, 9.40s/it]
    val loss : 1.9234365744468493 | val acc: 0.
6494661947855582
312 train loss : 0.34902351118049857
313 24%|██████| 238/1000 [37:25<1:58:59, 9.37s/it]
    train loss : 0.3479420533671419
314 train loss : 0.34664260790356377
315 24%|██████| 240/1000 [37:44<1:58:39, 9.37s/it]
    train loss : 0.34557734914534266
316 train loss : 0.34472381684798054
317 24%|██████| 241/1000 [37:54<1:59:04, 9.41s/it]
    val loss : 1.9373813982193286 | val acc: 0.
6504948899531976
318 train loss : 0.3435273193645439
319 24%|██████| 243/1000 [38:12<1:58:11, 9.37s/it]
    train loss : 0.34236636586945574
320 train loss : 0.34110915333857117
321 24%|██████| 245/1000 [38:31<1:57:58, 9.38s/it]
    train loss : 0.3396566479301504
322 train loss : 0.3388710691704406
323 val loss : 1.9573244215586247 | val acc: 0.
6487396225715295
324 25%|██████| 247/1000 [38:50<1:58:10, 9.42s/it]
    train loss : 0.3379494185180969
325 25%|██████| 248/1000 [38:59<1:57:46, 9.40s/it]
    train loss : 0.33652895613364114
326 25%|██████| 249/1000 [39:09<1:57:17, 9.37s/it]
    train loss : 0.3353906797503804
327 25%|██████| 250/1000 [39:18<1:56:54, 9.35s/it]
    train loss : 0.3344041712215886
328 train loss : 0.3334196270584836
329 25%|██████| 251/1000 [39:27<1:57:22, 9.40s/it]
    val loss : 1.964490762887857 | val acc: 0.
6464860168022987
```

```
330 train loss : 0.3321487498706046
331 25%|██████| 253/1000 [39:46<1:56:41, 9.37s/it]
    train loss : 0.33163993166253797
332 train loss : 0.3304377293077618
333 26%|██████| 255/1000 [40:05<1:56:14, 9.36s/it]
    train loss : 0.32934272787182234
334 train loss : 0.3283175801137363
335 val loss : 1.9796492067667155 | val acc: 0.
    650008866420159
336 26%|██████| 257/1000 [40:24<1:56:06, 9.38s/it]
    train loss : 0.3272963080704292
337 26%|██████| 258/1000 [40:33<1:55:51, 9.37s/it]
    train loss : 0.3261507823603018
338 26%|██████| 259/1000 [40:42<1:55:49, 9.38s/it]
    train loss : 0.32503191452336316
339 26%|██████| 260/1000 [40:52<1:55:46, 9.39s/it]
    train loss : 0.32430557654872877
340 train loss : 0.3232183958249421
341 val loss : 1.9854638438958387 | val acc: 0.
    6481164942185084
342 26%|██████| 262/1000 [41:10<1:55:10, 9.36s/it]
    train loss : 0.3223162109180865
343 train loss : 0.3215577569526272
344 26%|██████| 264/1000 [41:29<1:54:15, 9.31s/it]
    train loss : 0.32045005870672316
345 26%|██████| 265/1000 [41:38<1:53:53, 9.30s/it]
    train loss : 0.319553238728211
346 train loss : 0.3184200896792216
347 27%|██████| 266/1000 [41:48<1:54:20, 9.35s/it]
    val loss : 2.0118606113470516 | val acc: 0.
    6454622474236366
348 train loss : 0.3175112187157963
349 27%|██████| 268/1000 [42:06<1:53:41, 9.32s/it]
    train loss : 0.31672824667869254
350 27%|██████| 269/1000 [42:16<1:53:31, 9.32s/it]
    train loss : 0.3156645876679919
351 27%|██████| 270/1000 [42:25<1:53:27, 9.32s/it]
    train loss : 0.3147741739680426
352 train loss : 0.3138945950292753
353 27%|██████| 271/1000 [42:35<1:54:07, 9.39s/it]
    val loss : 2.018989710471569 | val acc: 0.
```

```
353 6453793278107276
354 train loss : 0.31272614211356353
355 27%|██████| 273/1000 [42:53<1:53:45, 9.39s/it]
    train loss : 0.31199468021475435
356 train loss : 0.3111466218507517
357 28%|██████| 275/1000 [43:12<1:53:19, 9.38s/it]
    train loss : 0.31009769259586534
358 train loss : 0.3091318609891897
359 28%|██████| 276/1000 [43:22<1:53:52, 9.44s/it]
    val loss : 2.0370693703492484 | val acc: 0.
    6465360969305038
360 28%|██████| 277/1000 [43:31<1:53:33, 9.42s/it]
    train loss : 0.3083056857448703
361 train loss : 0.3075762092666923
362 28%|██████| 279/1000 [43:50<1:52:58, 9.40s/it]
    train loss : 0.30663933226523016
363 train loss : 0.30580581338006
364 28%|██████| 280/1000 [43:59<1:52:39, 9.39s/it]
    train loss : 0.3052235688256731
365 val loss : 2.051022226229692 | val acc: 0.
    6471896014916592
366 28%|██████| 282/1000 [44:18<1:52:48, 9.43s/it]
    train loss : 0.3042068424770469
367 train loss : 0.3031864973876286
368 28%|██████| 284/1000 [44:37<1:52:16, 9.41s/it]
    train loss : 0.30243572043597683
369 train loss : 0.30161998770168447
370 28%|██████| 285/1000 [44:46<1:51:58, 9.40s/it]
    train loss : 0.30076411021450594
371 val loss : 2.065934098683871 | val acc: 0.
    6448834526997346
372 29%|██████| 287/1000 [45:05<1:52:01, 9.43s/it]
    train loss : 0.30003138715033567
373 train loss : 0.2991961968135616
374 29%|██████| 289/1000 [45:24<1:51:19, 9.39s/it]
    train loss : 0.29842617644911135
375 train loss : 0.2973349796742673
376 29%|██████| 290/1000 [45:33<1:51:04, 9.39s/it]
    train loss : 0.29685924545414755
377 val loss : 2.077424236597159 | val acc: 0.
    6430781051898614
```

```
378 29%|██████| 292/1000 [45:52<1:50:35, 9.37s/it]
    train loss : 0.29610729167298416
379 29%|██████| 293/1000 [46:01<1:49:59, 9.33s/it]
    train loss : 0.295069387590344
380 29%|██████| 294/1000 [46:10<1:49:30, 9.31s/it]
    train loss : 0.29458091627549265
381 train loss : 0.29340169187750254
382 30%|██████| 295/1000 [46:20<1:49:12, 9.29s/it]
    train loss : 0.29295451636319836
383 val loss : 2.0895095414076095 | val acc: 0.
    6463259244576479
384 30%|██████| 297/1000 [46:38<1:49:13, 9.32s/it]
    train loss : 0.29207259564271
385 30%|██████| 298/1000 [46:48<1:49:00, 9.32s/it]
    train loss : 0.29125860900191125
386 train loss : 0.2906647999957304
387 30%|██████| 300/1000 [47:06<1:48:40, 9.31s/it]
    train loss : 0.2898906904792805
388 train loss : 0.2893175239640476
389 val loss : 2.102489186403079 | val acc: 0.
    6429779449334512
390 30%|██████| 302/1000 [47:25<1:48:51, 9.36s/it]
    train loss : 0.28852267035618606
391 train loss : 0.287753226408115
392 30%|██████| 304/1000 [47:44<1:48:13, 9.33s/it]
    train loss : 0.28682778195935554
393 train loss : 0.28633412553671383
394 30%|██████| 305/1000 [47:53<1:48:01, 9.33s/it]
    train loss : 0.28537962394970384
395 val loss : 2.1109084823192696 | val acc: 0.
    643506659529148
396 31%|██████| 307/1000 [48:12<1:48:06, 9.36s/it]
    train loss : 0.2846477570559048
397 train loss : 0.28417707467164016
398 31%|██████| 309/1000 [48:31<1:47:33, 9.34s/it]
    train loss : 0.2832955780678976
399 31%|██████| 310/1000 [48:40<1:47:19, 9.33s/it]
    train loss : 0.2828342680537409
400 train loss : 0.28207481605069085
401 val loss : 2.1318241632901707 | val acc: 0.
    643576443195343
```

```
402 31%|██████| 312/1000 [48:59<1:47:18, 9.36s/it]
    train loss : 0.2813399447297781
403 train loss : 0.2807729585542014
404 31%|██████| 314/1000 [49:17<1:46:42, 9.33s/it]
    train loss : 0.2798757099221542
405 32%|██████| 315/1000 [49:27<1:46:29, 9.33s/it]
    train loss : 0.2793056468349005
406 train loss : 0.27872667646347243
407 32%|██████| 316/1000 [49:36<1:47:00, 9.39s/it]
    val loss : 2.1336385951592374 | val acc: 0.
6439770842209841
408 train loss : 0.277973823275356
409 32%|██████| 318/1000 [49:55<1:46:54, 9.41s/it]
    train loss : 0.2773436063716977
410 train loss : 0.27676295639565324
411 32%|██████| 320/1000 [50:14<1:46:20, 9.38s/it]
    train loss : 0.27603840823939435
412 train loss : 0.27526710931288756
413 32%|██████| 321/1000 [50:23<1:46:38, 9.42s/it]
    val loss : 2.1489495016061344 | val acc: 0.
6433514933555554
414 32%|██████| 322/1000 [50:33<1:46:07, 9.39s/it]
    train loss : 0.27479907032977885
415 32%|██████| 323/1000 [50:42<1:45:44, 9.37s/it]
    train loss : 0.2743218262714146
416 train loss : 0.27334441258010445
417 32%|██████| 325/1000 [51:01<1:45:06, 9.34s/it]
    train loss : 0.27290348521914815
418 train loss : 0.2719550992079778
419 val loss : 2.159459637525754 | val acc: 0.
6414936028229885
420 33%|██████| 327/1000 [51:19<1:44:41, 9.33s/it]
    train loss : 0.27173721236573284
421 33%|██████| 328/1000 [51:28<1:44:13, 9.31s/it]
    train loss : 0.2709735561239281
422 train loss : 0.27033124674985143
423 33%|██████| 330/1000 [51:47<1:43:32, 9.27s/it]
    train loss : 0.2700984047412104
424 train loss : 0.2692792860992711
425 val loss : 2.173783880013686 | val acc: 0.
644613348520719
```

```
426 33%|██████| 332/1000 [52:06<1:43:41, 9.31s/it]
    train loss : 0.2685949451042669
427 train loss : 0.2679252985253502
428 33%|██████| 334/1000 [52:24<1:43:21, 9.31s/it]
    train loss : 0.2673589373119986
429 train loss : 0.2668997761149289
430 34%|██████| 335/1000 [52:34<1:43:08, 9.31s/it]
    train loss : 0.2662450904299295
431 val loss : 2.1847183948908095 | val acc: 0.
641317911637135
432 34%|██████| 337/1000 [52:52<1:43:13, 9.34s/it]
    train loss : 0.26565492551612685
433 train loss : 0.2651066751872984
434 34%|██████| 339/1000 [53:11<1:42:38, 9.32s/it]
    train loss : 0.2645959027657866
435 34%|██████| 340/1000 [53:20<1:42:26, 9.31s/it]
    train loss : 0.26405359715375404
436 train loss : 0.2633069461447207
437 val loss : 2.201933632294337 | val acc: 0.
6383533324950781
438 34%|██████| 342/1000 [53:39<1:42:30, 9.35s/it]
    train loss : 0.2626234410736403
439 34%|██████| 343/1000 [53:48<1:42:11, 9.33s/it]
    train loss : 0.262172562530724
440 train loss : 0.2618415119877401
441 34%|██████| 345/1000 [54:07<1:41:39, 9.31s/it]
    train loss : 0.2612114600074762
442 train loss : 0.26080375334651695
443 35%|██████| 346/1000 [54:16<1:42:07, 9.37s/it]
    val loss : 2.210072330175302 | val acc: 0.
6401184514547006
444 35%|██████| 347/1000 [54:26<1:41:42, 9.35s/it]
    train loss : 0.2600666040791288
445 train loss : 0.25971184394355107
446 35%|██████| 349/1000 [54:44<1:41:08, 9.32s/it]
    train loss : 0.25900119326342314
447 35%|██████| 350/1000 [54:54<1:40:53, 9.31s/it]
    train loss : 0.2583318976602854
448 train loss : 0.2579835820207665
449 35%|██████| 351/1000 [55:03<1:41:20, 9.37s/it]
    val loss : 2.220815292535684 | val acc: 0.
```

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449 6435715174063658
450 35%|██████| 352/1000 [55:12<1:40:57, 9.35s/it]
    train loss : 0.25740264745375624
451 train loss : 0.2566760928039105
452 35%|██████| 354/1000 [55:31<1:40:22, 9.32s/it]
    train loss : 0.25647805636363935
453 36%|██████| 355/1000 [55:40<1:40:07, 9.31s/it]
    train loss : 0.25597874715768165
454 train loss : 0.25544710414898897
455 val loss : 2.2402161917625327 | val acc: 0.
    6405141666913644
456 36%|██████| 357/1000 [55:59<1:40:09, 9.35s/it]
    train loss : 0.2548327632138334
457 36%|██████| 358/1000 [56:08<1:39:48, 9.33s/it]
    train loss : 0.2543784538116341
458 36%|██████| 359/1000 [56:18<1:39:31, 9.32s/it]
    train loss : 0.25394774792681385
459 36%|██████| 360/1000 [56:27<1:39:19, 9.31s/it]
    train loss : 0.25339430524974366
460 train loss : 0.2527170246714647
461 36%|██████| 361/1000 [56:37<1:39:55, 9.38s/it]
    val loss : 2.237049082914988 | val acc: 0.
    6395774220044796
462 36%|██████| 362/1000 [56:46<1:39:40, 9.37s/it]
    train loss : 0.25251810445585077
463 36%|██████| 363/1000 [56:55<1:39:33, 9.38s/it]
    train loss : 0.25184096491428076
464 36%|██████| 364/1000 [57:05<1:39:22, 9.37s/it]
    train loss : 0.2511845209122729
465 36%|██████| 365/1000 [57:14<1:39:01, 9.36s/it]
    train loss : 0.2509959534815233
466 train loss : 0.2500370816637072
467 val loss : 2.2543379916594577 | val acc: 0.
    6422842118220452
468 37%|██████| 367/1000 [57:33<1:39:00, 9.38s/it]
    train loss : 0.25011020895216757
469 37%|██████| 368/1000 [57:42<1:38:39, 9.37s/it]
    train loss : 0.2496086036926023
470 train loss : 0.24897867851029343
471 37%|██████| 370/1000 [58:01<1:38:16, 9.36s/it]
    train loss : 0.2483881273950552
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472 train loss : 0.24805432478610848
473 37%|███████| 371/1000 [58:10<1:38:46, 9.42s/it]
    val loss : 2.263803876363314 | val acc: 0.
    6407818079758913
474 train loss : 0.24748248707382006
475 37%|███████| 373/1000 [58:29<1:38:07, 9.39s/it]
    train loss : 0.24716521523594695
476 train loss : 0.2465912839685465
477 38%|███████| 375/1000 [58:48<1:37:24, 9.35s/it]
    train loss : 0.24622620314183558
478 train loss : 0.24584850662503227
479 val loss : 2.2859482864538827 | val acc: 0.
    6411627454635425
480 38%|███████| 377/1000 [59:07<1:37:16, 9.37s/it]
    train loss : 0.2454324527762444
481 38%|███████| 378/1000 [59:16<1:36:58, 9.36s/it]
    train loss : 0.24494667531556735
482 38%|███████| 379/1000 [59:25<1:36:45, 9.35s/it]
    train loss : 0.24443809289246068
483 38%|███████| 380/1000 [59:35<1:36:26, 9.33s/it]
    train loss : 0.24384054855780996
484 train loss : 0.24335262970461052
485 38%|███████| 381/1000 [59:44<1:36:53, 9.39s/it]
    val loss : 2.287823519645593 | val acc: 0.
    6407694931213672
486 38%|███████| 382/1000 [59:53<1:36:28, 9.37s/it]
    train loss : 0.24283810623696567
487 38%|███████| 383/1000 [1:00:03<1:36:09, 9.35s/
    it]train loss : 0.2427532878728634
488 38%|███████| 384/1000 [1:00:12<1:35:49, 9.33s/
    it]train loss : 0.2421868997969968
489 train loss : 0.2416383004335828
490 38%|███████| 385/1000 [1:00:21<1:35:34, 9.32s/
    it]train loss : 0.241455275736491
491 val loss : 2.2951828799186607 | val acc: 0.
    6401061369822576
492 39%|███████| 387/1000 [1:00:40<1:35:40, 9.36s/
    it]train loss : 0.24119625593781505
493 39%|███████| 388/1000 [1:00:49<1:35:35, 9.37s/
    it]train loss : 0.24048072569374432
494 train loss : 0.23992621623682073
```

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495 39%|██████| 390/1000 [1:01:08<1:35:14, 9.37s/  
it]train loss : 0.23985705535089397  
496 train loss : 0.23938570222826117  
497 39%|██████| 391/1000 [1:01:18<1:35:31, 9.41s/  
it]val loss : 2.304083132591003 | val acc: 0.  
6409394374260535  
498 train loss : 0.23876086979696196  
499 39%|██████| 393/1000 [1:01:36<1:34:35, 9.35s/  
it]train loss : 0.2384148729030016  
500 39%|██████| 394/1000 [1:01:46<1:34:15, 9.33s/  
it]train loss : 0.23827621421401232  
501 40%|██████| 395/1000 [1:01:55<1:33:58, 9.32s/  
it]train loss : 0.23763979203937005  
502 train loss : 0.23732007470201044  
503 val loss : 2.322397376482303 | val acc: 0.  
6390519910133802  
504 40%|██████| 397/1000 [1:02:14<1:33:59, 9.35s/  
it]train loss : 0.23704675077519494  
505 40%|██████| 398/1000 [1:02:23<1:33:41, 9.34s/  
it]train loss : 0.23650912861653692  
506 40%|██████| 399/1000 [1:02:32<1:33:24, 9.32s/  
it]train loss : 0.2360119351473285  
507 40%|██████| 400/1000 [1:02:42<1:33:08, 9.31s/  
it]train loss : 0.23561076057427935  
508 train loss : 0.2351618652966693  
509 val loss : 2.3248512003666315 | val acc: 0.  
6400306060528144  
510 40%|██████| 402/1000 [1:03:00<1:33:09, 9.35s/  
it]train loss : 0.23502823932378036  
511 40%|██████| 403/1000 [1:03:10<1:32:53, 9.34s/  
it]train loss : 0.2345304866667848  
512 40%|██████| 404/1000 [1:03:19<1:32:37, 9.32s/  
it]train loss : 0.2339509683724952  
513 train loss : 0.23391727956470673  
514 40%|██████| 405/1000 [1:03:28<1:32:24, 9.32s/  
it]train loss : 0.23347660381644122  
515 val loss : 2.339390598810636 | val acc: 0.  
6385708936513999  
516 41%|██████| 407/1000 [1:03:47<1:32:22, 9.35s/  
it]train loss : 0.23288831216231362  
517 41%|██████| 408/1000 [1:03:56<1:32:02, 9.33s/
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517 it]train loss : 0.23273479603100874
518 train loss : 0.2320805534304165
519 41%|██████| 410/1000 [1:04:15<1:31:31, 9.31s/
    it]train loss : 0.23193188983243607
520 train loss : 0.23171914558784634
521 val loss : 2.3515164737518015 | val acc: 0.
    6358090975345709
522 41%|██████| 412/1000 [1:04:34<1:31:19, 9.32s/
    it]train loss : 0.23108998146943754
523 train loss : 0.23078242520267145
524 41%|██████| 414/1000 [1:04:52<1:30:35, 9.28s/
    it]train loss : 0.23022408490055452
525 42%|██████| 415/1000 [1:05:01<1:30:17, 9.26s/
    it]train loss : 0.22996480674304023
526 train loss : 0.22952895044776148
527 val loss : 2.352417298616507 | val acc: 0.
    6387383746795166
528 42%|██████| 417/1000 [1:05:20<1:30:21, 9.30s/
    it]train loss : 0.22939936757656057
529 train loss : 0.22914400723270759
530 42%|██████| 419/1000 [1:05:39<1:29:57, 9.29s/
    it]train loss : 0.22849182691900377
531 train loss : 0.22841545957256446
532 42%|██████| 420/1000 [1:05:48<1:29:48, 9.29s/
    it]train loss : 0.22797199771340548
533 val loss : 2.3586848080158234 | val acc: 0.
    6387564364152077
534 42%|██████| 422/1000 [1:06:07<1:29:54, 9.33s/
    it]train loss : 0.2272373981275547
535 42%|██████| 423/1000 [1:06:16<1:29:37, 9.32s/
    it]train loss : 0.22728969956633868
536 42%|██████| 424/1000 [1:06:25<1:29:24, 9.31s/
    it]train loss : 0.22704088228814487
537 42%|██████| 425/1000 [1:06:35<1:29:11, 9.31s/
    it]train loss : 0.22675459135925133
538 train loss : 0.22622021856029093
539 43%|██████| 426/1000 [1:06:44<1:29:35, 9.37s/
    it]val loss : 2.3768617105789676 | val acc: 0.
    6350283401134686
540 train loss : 0.22590537776901873
541 43%|██████| 428/1000 [1:07:03<1:28:57, 9.33s/
```

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541 it]train loss : 0.22572687931665003
542 train loss : 0.2252777352040569
543 43%|██████| 430/1000 [1:07:21<1:28:30, 9.32s/
    it]train loss : 0.2252663017127772
544 train loss : 0.22433347826743041
545 43%|██████| 431/1000 [1:07:31<1:28:54, 9.37s/
    it]val loss : 2.3791015637226596 | val acc: 0.
6382507089620981
546 train loss : 0.22435796247825743
547 43%|██████| 433/1000 [1:07:49<1:28:12, 9.33s/
    it]train loss : 0.22399526016985316
548 43%|██████| 434/1000 [1:07:59<1:27:54, 9.32s/
    it]train loss : 0.22340088192770757
549 train loss : 0.22322351646189595
550 44%|██████| 435/1000 [1:08:08<1:27:42, 9.31s/
    it]train loss : 0.22302313848205257
551 val loss : 2.390460125146768 | val acc: 0.
6363123617111108
552 44%|██████| 437/1000 [1:08:27<1:27:32, 9.33s/
    it]train loss : 0.22257034971473552
553 train loss : 0.22209622574059065
554 44%|██████| 439/1000 [1:08:45<1:26:49, 9.29s/
    it]train loss : 0.22201667396237124
555 44%|██████| 440/1000 [1:08:54<1:26:31, 9.27s/
    it]train loss : 0.2216232507748531
556 train loss : 0.22126384892556222
557 val loss : 2.4042951617485437 | val acc: 0.
6379026113412319
558 44%|██████| 442/1000 [1:09:13<1:26:24, 9.29s/
    it]train loss : 0.22122343612388037
559 44%|██████| 443/1000 [1:09:22<1:26:06, 9.28s/
    it]train loss : 0.2207562912504679
560 44%|██████| 444/1000 [1:09:32<1:26:02, 9.28s/
    it]train loss : 0.22061608515013426
561 train loss : 0.2201317222111013
562 44%|██████| 445/1000 [1:09:41<1:25:55, 9.29s/
    it]train loss : 0.21990268329859355
563 val loss : 2.4157899167293158 | val acc: 0.
637717068195343
564 45%|██████| 447/1000 [1:10:00<1:25:59, 9.33s/
    it]train loss : 0.21944293839065995
```

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565 45%|██████| 448/1000 [1:10:09<1:25:43, 9.32s/  
it]train loss : 0.21933395105954176  
566 45%|██████| 449/1000 [1:10:18<1:25:31, 9.31s/  
it]train loss : 0.21907297719150917  
567 45%|██████| 450/1000 [1:10:28<1:25:19, 9.31s/  
it]train loss : 0.21859855266258404  
568 train loss : 0.2182514841758113  
569 45%|██████| 451/1000 [1:10:37<1:25:44, 9.37s/  
it]val loss : 2.4235495894383163 | val acc: 0.  
637456815976363  
570 train loss : 0.2181209408641342  
571 45%|██████| 453/1000 [1:10:56<1:25:06, 9.34s/  
it]train loss : 0.2179187781910662  
572 train loss : 0.2175013083297176  
573 46%|██████| 455/1000 [1:11:14<1:24:47, 9.33s/  
it]train loss : 0.2172229803264093  
574 train loss : 0.21690686810146312  
575 val loss : 2.4338091841110816 | val acc: 0.  
63832788169384  
576 46%|██████| 457/1000 [1:11:33<1:24:40, 9.36s/  
it]train loss : 0.21660215030177896  
577 46%|██████| 458/1000 [1:11:42<1:24:34, 9.36s/  
it]train loss : 0.21639112807388047  
578 46%|██████| 459/1000 [1:11:52<1:24:27, 9.37s/  
it]train loss : 0.2161018078986144  
579 46%|██████| 460/1000 [1:12:01<1:24:09, 9.35s/  
it]train loss : 0.2157723743307424  
580 train loss : 0.21547750013588002  
581 46%|██████| 461/1000 [1:12:11<1:24:27, 9.40s/  
it]val loss : 2.441831412223669 | val acc: 0.  
6375972044009429  
582 46%|██████| 462/1000 [1:12:20<1:24:05, 9.38s/  
it]train loss : 0.21531588299209445  
583 train loss : 0.21505540934559672  
584 46%|██████| 464/1000 [1:12:39<1:23:17, 9.32s/  
it]train loss : 0.21470371626763776  
585 46%|██████| 465/1000 [1:12:48<1:22:56, 9.30s/  
it]train loss : 0.21443610190004392  
586 train loss : 0.21405813365718418  
587 val loss : 2.451367363715783 | val acc: 0.  
6384157270957262
```

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588 47%|██████| 467/1000 [1:13:07<1:22:41, 9.31s/  
it]train loss : 0.21402351295046673  
589 train loss : 0.21367656899425505  
590 47%|██████| 469/1000 [1:13:25<1:22:08, 9.28s/  
it]train loss : 0.21341346611731352  
591 47%|██████| 470/1000 [1:13:34<1:22:00, 9.28s/  
it]train loss : 0.21288173937914417  
592 train loss : 0.2126499122304363  
593 val loss : 2.4553228249916663 | val acc: 0.  
6365479846031238  
594 47%|██████| 472/1000 [1:13:53<1:22:27, 9.37s/  
it]train loss : 0.2127177645638685  
595 47%|██████| 473/1000 [1:14:03<1:22:09, 9.35s/  
it]train loss : 0.2122451152943681  
596 47%|██████| 474/1000 [1:14:12<1:21:55, 9.35s/  
it]train loss : 0.21205325276580128  
597 48%|██████| 475/1000 [1:14:21<1:21:49, 9.35s/  
it]train loss : 0.21173730661295576  
598 train loss : 0.2114100196578155  
599 val loss : 2.470227925441204 | val acc: 0.  
6377646854290595  
600 48%|██████| 477/1000 [1:14:40<1:21:41, 9.37s/  
it]train loss : 0.2112497906794703  
601 train loss : 0.21094235047806087  
602 48%|██████| 479/1000 [1:14:59<1:21:02, 9.33s/  
it]train loss : 0.21079573940396662  
603 48%|██████| 480/1000 [1:15:08<1:20:47, 9.32s/  
it]train loss : 0.21054457246320657  
604 train loss : 0.21037308527734566  
605 val loss : 2.477735478908588 | val acc: 0.  
6376144450444442  
606 48%|██████| 482/1000 [1:15:27<1:20:44, 9.35s/  
it]train loss : 0.21018318748469317  
607 train loss : 0.20938628538142218  
608 48%|██████| 484/1000 [1:15:45<1:20:12, 9.33s/  
it]train loss : 0.20935000840843668  
609 train loss : 0.20946114226823495  
610 48%|██████| 485/1000 [1:15:55<1:19:56, 9.31s/  
it]train loss : 0.209017390251688  
611 49%|██████| 486/1000 [1:16:04<1:20:14, 9.37s/  
it]val loss : 2.4886606526680484 | val acc: 0.
```

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611 6363575160503387
612 train loss : 0.20877846080850856
613 49%|██████| 488/1000 [1:16:23<1:19:38, 9.33s/
it]train loss : 0.20862385270186018
614 train loss : 0.20840455981918538
615 49%|██████| 490/1000 [1:16:41<1:19:11, 9.32s/
it]train loss : 0.20809983639204147
616 train loss : 0.20797435284309287
617 49%|██████| 491/1000 [1:16:51<1:19:29, 9.37s/
it]val loss : 2.483973651360243 | val acc: 0.
6394370335798997
618 train loss : 0.2076410072671288
619 49%|██████| 493/1000 [1:17:09<1:18:50, 9.33s/
it]train loss : 0.20712214873629875
620 49%|██████| 494/1000 [1:17:19<1:18:42, 9.33s/
it]train loss : 0.20708249744078885
621 train loss : 0.20686119757222451
622 50%|██████| 495/1000 [1:17:28<1:18:32, 9.33s/
it]train loss : 0.2067807433131623
623 val loss : 2.4946285287539163 | val acc: 0.
6345595572239313
624 50%|██████| 497/1000 [1:17:47<1:18:45, 9.39s/
it]train loss : 0.2064212605261111
625 50%|██████| 498/1000 [1:17:56<1:18:28, 9.38s/
it]train loss : 0.20612694043491017
626 train loss : 0.20597672151472182
627 50%|██████| 500/1000 [1:18:15<1:17:46, 9.33s/
it]train loss : 0.2058551672434826
628 train loss : 0.2056555431371186
629 50%|██████| 501/1000 [1:18:24<1:17:54, 9.37s/
it]val loss : 2.4976402880289617 | val acc: 0.
635305833358031
630 50%|██████| 502/1000 [1:18:34<1:17:27, 9.33s/
it]train loss : 0.2053705288250857
631 50%|██████| 503/1000 [1:18:43<1:17:01, 9.30s/
it]train loss : 0.20501635009495442
632 50%|██████| 504/1000 [1:18:52<1:16:43, 9.28s/
it]train loss : 0.20487187021511266
633 train loss : 0.20437223532892765
634 50%|██████| 505/1000 [1:19:01<1:16:28, 9.27s/
it]train loss : 0.20429546943946517
```

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635 51%|██████ | 506/1000 [1:19:11<1:16:49, 9.33s/  
it]val loss : 2.5126227889305506 | val acc: 0.  
6347171866740936  
636 51%|██████ | 507/1000 [1:19:20<1:16:36, 9.32s/  
it]train loss : 0.204262975850494  
637 51%|██████ | 508/1000 [1:19:29<1:16:22, 9.31s/  
it]train loss : 0.20384677593590525  
638 train loss : 0.20380879294406398  
639 51%|██████ | 510/1000 [1:19:48<1:16:00, 9.31s/  
it]train loss : 0.20347120121557674  
640 train loss : 0.203401996864928  
641 val loss : 2.524546520068095 | val acc: 0.  
6368509286489242  
642 51%|██████ | 512/1000 [1:20:07<1:16:01, 9.35s/  
it]train loss : 0.20316687076803563  
643 train loss : 0.20283837867598042  
644 51%|██████ | 514/1000 [1:20:25<1:15:35, 9.33s/  
it]train loss : 0.20278627612747366  
645 train loss : 0.20227671215291182  
646 52%|██████ | 515/1000 [1:20:35<1:15:19, 9.32s/  
it]train loss : 0.2023148479587027  
647 52%|██████ | 516/1000 [1:20:44<1:15:35, 9.37s/  
it]val loss : 2.526904339973743 | val acc: 0.  
6356038512327732  
648 train loss : 0.2018935104675457  
649 52%|██████ | 518/1000 [1:21:03<1:14:56, 9.33s/  
it]train loss : 0.20205238304998233  
650 train loss : 0.20138206158414695  
651 52%|██████ | 520/1000 [1:21:21<1:14:32, 9.32s/  
it]train loss : 0.20156171780831064  
652 train loss : 0.20116897705835327  
653 52%|██████ | 521/1000 [1:21:31<1:14:49, 9.37s/  
it]val loss : 2.54784077558762 | val acc: 0.  
6371867117973474  
654 52%|██████ | 522/1000 [1:21:40<1:14:27, 9.35s/  
it]train loss : 0.2013392321367178  
655 train loss : 0.2009281134020248  
656 52%|██████ | 524/1000 [1:21:59<1:13:56, 9.32s/  
it]train loss : 0.20067577000598322  
657 train loss : 0.20042271878277138  
658 52%|██████ | 525/1000 [1:22:08<1:13:42, 9.31s/
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658 it]train loss : 0.20058690531821202
659 53%|███████| 526/1000 [1:22:18<1:13:59, 9.37s/
it]val loss : 2.5474950113357644 | val acc: 0.
6365956018368403
660 53%|███████| 527/1000 [1:22:27<1:13:37, 9.34s/
it]train loss : 0.20011237390757633
661 train loss : 0.1999446865958678
662 53%|███████| 529/1000 [1:22:46<1:13:12, 9.33s/
it]train loss : 0.19983017468225114
663 train loss : 0.1995699937377058
664 53%|███████| 530/1000 [1:22:55<1:13:03, 9.33s/
it]train loss : 0.19905937204286037
665 val loss : 2.554307318650759 | val acc: 0.
6366276202293543
666 53%|███████| 532/1000 [1:23:14<1:12:54, 9.35s/
it]train loss : 0.1990900782089287
667 53%|███████| 533/1000 [1:23:23<1:12:37, 9.33s/
it]train loss : 0.19902550756807227
668 train loss : 0.1987080012950691
669 54%|███████| 535/1000 [1:23:41<1:12:09, 9.31s/
it]train loss : 0.19853348582542746
670 train loss : 0.19811850423386043
671 54%|███████| 536/1000 [1:23:51<1:12:24, 9.36s/
it]val loss : 2.5590007396844716 | val acc: 0.
6348050320759798
672 train loss : 0.19825422655157654
673 54%|███████| 538/1000 [1:24:10<1:11:48, 9.33s/
it]train loss : 0.19784308846098358
674 54%|███████| 539/1000 [1:24:19<1:11:33, 9.31s/
it]train loss : 0.19783635014728645
675 54%|███████| 540/1000 [1:24:28<1:11:21, 9.31s/
it]train loss : 0.19750486265166517
676 train loss : 0.19737473434313088
677 54%|███████| 541/1000 [1:24:38<1:11:35, 9.36s/
it]val loss : 2.5715794356969686 | val acc: 0.
6336055718935453
678 54%|███████| 542/1000 [1:24:47<1:11:15, 9.34s/
it]train loss : 0.1972454095475942
679 train loss : 0.19727337139646373
680 54%|███████| 544/1000 [1:25:05<1:10:47, 9.32s/
it]train loss : 0.19691834040636533
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681 55%|██████ | 545/1000 [1:25:15<1:10:32, 9.30s/  
it]train loss : 0.19697246452572845  
682 train loss : 0.19668875372709205  
683 55%|██████ | 546/1000 [1:25:24<1:10:49, 9.36s/  
it]val loss : 2.5788536232251387 | val acc: 0.  
6357114001726493  
684 train loss : 0.19627099809405177  
685 55%|██████ | 548/1000 [1:25:43<1:10:12, 9.32s/  
it]train loss : 0.196020569140004  
686 55%|██████ | 549/1000 [1:25:52<1:09:57, 9.31s/  
it]train loss : 0.19582538613501718  
687 train loss : 0.1958110472695212  
688 55%|██████ | 550/1000 [1:26:01<1:09:45, 9.30s/  
it]train loss : 0.19570154115645724  
689 55%|██████ | 551/1000 [1:26:11<1:10:01, 9.36s/  
it]val loss : 2.586323984922507 | val acc: 0.  
6334955600591806  
690 train loss : 0.1955515415671129  
691 55%|██████ | 553/1000 [1:26:29<1:09:28, 9.33s/  
it]train loss : 0.1954223033888283  
692 train loss : 0.1952067618764859  
693 56%|██████ | 555/1000 [1:26:48<1:08:57, 9.30s/  
it]train loss : 0.19496729665391074  
694 train loss : 0.19506822373560928  
695 56%|██████ | 556/1000 [1:26:57<1:09:06, 9.34s/  
it]val loss : 2.5848105809627433 | val acc: 0.  
6349905748397876  
696 56%|██████ | 557/1000 [1:27:07<1:08:40, 9.30s/  
it]train loss : 0.1944759730214622  
697 56%|██████ | 558/1000 [1:27:16<1:08:23, 9.28s/  
it]train loss : 0.19443252976466469  
698 56%|██████ | 559/1000 [1:27:25<1:08:05, 9.26s/  
it]train loss : 0.19411056819255557  
699 56%|██████ | 560/1000 [1:27:34<1:07:54, 9.26s/  
it]train loss : 0.19428388313211456  
700 train loss : 0.19381723090658065  
701 val loss : 2.595905811358721 | val acc: 0.  
6351104386341877  
702 56%|██████ | 562/1000 [1:27:53<1:07:54, 9.30s/  
it]train loss : 0.19391605136213108  
703 56%|██████ | 563/1000 [1:28:02<1:07:43, 9.30s/
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703 it]train loss : 0.19350644256874594
704 train loss : 0.19335769785889817
705 56%|██████| 565/1000 [1:28:21<1:07:24, 9.30s/
    it]train loss : 0.19328461565615634
706 train loss : 0.19324623031295055
707 val loss : 2.6016943821540246 | val acc: 0.
    6366226944403771
708 57%|██████| 567/1000 [1:28:40<1:07:21, 9.33s/
    it]train loss : 0.1931726845312016
709 train loss : 0.1929973202337029
710 57%|██████| 569/1000 [1:28:58<1:06:51, 9.31s/
    it]train loss : 0.19267045999490667
711 train loss : 0.19247244365999625
712 57%|██████| 570/1000 [1:29:08<1:06:45, 9.32s/
    it]train loss : 0.19243683782262314
713 val loss : 2.6136949008856063 | val acc: 0.
    6367581570759798
714 57%|██████| 572/1000 [1:29:26<1:06:42, 9.35s/
    it]train loss : 0.1922077275432392
715 train loss : 0.19203050758488519
716 57%|██████| 574/1000 [1:29:45<1:06:08, 9.32s/
    it]train loss : 0.19177729550077652
717 57%|██████| 575/1000 [1:29:54<1:05:56, 9.31s/
    it]train loss : 0.19168937167444441
718 train loss : 0.1915752165932073
719 58%|██████| 576/1000 [1:30:04<1:06:09, 9.36s/
    it]val loss : 2.6173820808911934 | val acc: 0.
    6364626020957262
720 train loss : 0.1915828519363958
721 58%|██████| 578/1000 [1:30:22<1:05:31, 9.32s/
    it]train loss : 0.19158105219191773
722 58%|██████| 579/1000 [1:30:32<1:05:18, 9.31s/
    it]train loss : 0.1911999550364109
723 train loss : 0.19089681293846394
724 58%|██████| 580/1000 [1:30:41<1:05:07, 9.30s/
    it]train loss : 0.19083804484699926
725 val loss : 2.630930218176964 | val acc: 0.
    634046441469437
726 58%|██████| 582/1000 [1:31:00<1:05:02, 9.34s/
    it]train loss : 0.19065581445224242
727 train loss : 0.1904044558296369
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728 58%|██████ | 584/1000 [1:31:18<1:04:33, 9.31s/  
it]train loss : 0.19038740484273597  
729 train loss : 0.19018204613775616  
730 58%|██████ | 585/1000 [1:31:28<1:04:20, 9.30s/  
it]train loss : 0.19023652521634724  
731 59%|██████ | 586/1000 [1:31:37<1:04:33, 9.36s/  
it]val loss : 2.629398751717347 | val acc: 0.  
6321228715853814  
732 59%|██████ | 587/1000 [1:31:46<1:04:15, 9.33s/  
it]train loss : 0.18995071590655183  
733 59%|██████ | 588/1000 [1:31:56<1:03:59, 9.32s/  
it]train loss : 0.19016432975477152  
734 train loss : 0.18944446061115702  
735 59%|██████ | 590/1000 [1:32:14<1:03:35, 9.31s/  
it]train loss : 0.18955470470492955  
736 train loss : 0.18925609302427093  
737 59%|██████ | 591/1000 [1:32:24<1:03:50, 9.37s/  
it]val loss : 2.637820614454074 | val acc: 0.  
6350956608851751  
738 59%|██████ | 592/1000 [1:32:33<1:03:39, 9.36s/  
it]train loss : 0.18935769137166183  
739 59%|██████ | 593/1000 [1:32:42<1:03:29, 9.36s/  
it]train loss : 0.1891179835589429  
740 train loss : 0.18894063798235913  
741 60%|██████ | 595/1000 [1:33:01<1:03:08, 9.35s/  
it]train loss : 0.18869163584051163  
742 train loss : 0.18846806430233093  
743 val loss : 2.643751011444972 | val acc: 0.  
636648144859534  
744 60%|██████ | 597/1000 [1:33:20<1:02:54, 9.37s/  
it]train loss : 0.1885674272373963  
745 60%|██████ | 598/1000 [1:33:29<1:02:37, 9.35s/  
it]train loss : 0.18839118283281012  
746 60%|██████ | 599/1000 [1:33:38<1:02:20, 9.33s/  
it]train loss : 0.18825790850511168  
747 60%|██████ | 600/1000 [1:33:48<1:02:05, 9.31s/  
it]train loss : 0.18811889695618506  
748 train loss : 0.18807225035598066  
749 60%|██████ | 601/1000 [1:33:57<1:02:18, 9.37s/  
it]val loss : 2.6469224431575875 | val acc: 0.  
6371087179734156
```

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750 train loss : 0.18789817979186574
751 60%|██████| 603/1000 [1:34:16<1:01:42, 9.33s/
    it]train loss : 0.18764176192485035
752 60%|██████| 604/1000 [1:34:25<1:01:25, 9.31s/
    it]train loss : 0.18760731480285234
753 60%|██████| 605/1000 [1:34:34<1:01:09, 9.29s/
    it]train loss : 0.18719138806521204
754 train loss : 0.18725725959985448
755 val loss : 2.6596417824427285 | val acc: 0.
    6338485838511051
756 61%|██████| 607/1000 [1:34:53<1:00:56, 9.30s/
    it]train loss : 0.18716727214881146
757 train loss : 0.18707371697234043
758 61%|██████| 609/1000 [1:35:11<1:00:23, 9.27s/
    it]train loss : 0.18695939595008326
759 61%|██████| 610/1000 [1:35:21<1:00:11, 9.26s/
    it]train loss : 0.18668717942609603
760 train loss : 0.1866034732937909
761 61%|██████| 611/1000 [1:35:30<1:00:28, 9.33s/
    it]val loss : 2.6608030459819694 | val acc: 0.
    6347450999877392
762 train loss : 0.18636034671122145
763 61%|██████| 613/1000 [1:35:49<1:00:02, 9.31s/
    it]train loss : 0.18634730681032544
764 61%|██████| 614/1000 [1:35:58<59:51, 9.30s/it]
    ] train loss : 0.18630854900513097
765 train loss : 0.18628497756547324
766 62%|██████| 615/1000 [1:36:07<59:39, 9.30s/it]
    train loss : 0.18605604686049118
767 62%|██████| 616/1000 [1:36:17<59:53, 9.36s/it]
    val loss : 2.6778165858525496 | val acc: 0.
    6362721335429412
768 62%|██████| 617/1000 [1:36:26<59:35, 9.34s/it]
    train loss : 0.18581576988785425
769 train loss : 0.1856815249194085
770 62%|██████| 619/1000 [1:36:45<59:08, 9.31s/it]
    train loss : 0.18549840419728078
771 train loss : 0.1853229588069264
772 62%|██████| 620/1000 [1:36:54<59:02, 9.32s/it]
    train loss : 0.18536480667488311
773 val loss : 2.677009415932191 | val acc: 0.
```

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773 6349700502096078
774 62%|███████| 622/1000 [1:37:13<58:57, 9.36s/it]
    train loss : 0.18504383398973906
775 62%|███████| 623/1000 [1:37:22<58:44, 9.35s/it]
    train loss : 0.18519406575882688
776 62%|███████| 624/1000 [1:37:31<58:27, 9.33s/it]
    train loss : 0.18505050261859415
777 62%|███████| 625/1000 [1:37:41<58:13, 9.32s/it]
    train loss : 0.18484541755084577
778 train loss : 0.1846526224459335
779 63%|███████| 626/1000 [1:37:50<58:24, 9.37s/it]
    val loss : 2.68257529154802 | val acc: 0.
    634574334972944
780 63%|███████| 627/1000 [1:38:00<58:05, 9.34s/it]
    train loss : 0.18486647998297243
781 63%|███████| 628/1000 [1:38:09<57:50, 9.33s/it]
    train loss : 0.18451362217093809
782 train loss : 0.18431949385437088
783 63%|███████| 630/1000 [1:38:28<57:35, 9.34s/it]
    train loss : 0.18428170356800438
784 train loss : 0.18415416414310878
785 63%|███████| 631/1000 [1:38:37<57:44, 9.39s/it]
    val loss : 2.6896807176944537 | val acc: 0.
    6346121002466251
786 train loss : 0.18392334559048307
787 63%|███████| 633/1000 [1:38:56<57:07, 9.34s/it]
    train loss : 0.18376103130109425
788 63%|███████| 634/1000 [1:39:05<56:52, 9.32s/it]
    train loss : 0.18387269335662584
789 train loss : 0.18382849251306604
790 64%|███████| 635/1000 [1:39:14<56:39, 9.32s/it]
    train loss : 0.18361896111372494
791 64%|███████| 636/1000 [1:39:24<56:49, 9.37s/it]
    val loss : 2.70410426457723 | val acc: 0.
    6344520082840552
792 train loss : 0.1833943262798329
793 64%|███████| 638/1000 [1:39:42<56:15, 9.32s/it]
    train loss : 0.18330728683421568
794 64%|███████| 639/1000 [1:39:52<56:00, 9.31s/it]
    train loss : 0.18337792398474595
795 64%|███████| 640/1000 [1:40:01<55:48, 9.30s/it]
```

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795 train loss : 0.1830719523632155
796 train loss : 0.1829023249407321
797 val loss : 2.6979998227877493 | val acc: 0.
634950346671618
798 64%|███████| 642/1000 [1:40:20<55:44, 9.34s/it]
train loss : 0.18303864530912817
799 train loss : 0.1827519816811002
800 64%|███████| 644/1000 [1:40:38<55:22, 9.33s/it]
train loss : 0.182898271061418
801 train loss : 0.18238643318486733
802 64%|███████| 645/1000 [1:40:48<55:12, 9.33s/it]
train loss : 0.182593173348164
803 65%|███████| 646/1000 [1:40:57<55:26, 9.40s/it]
val loss : 2.7063086544856048 | val acc: 0.
633645800443796
804 train loss : 0.18238283940342015
805 65%|███████| 648/1000 [1:41:16<55:02, 9.38s/it]
train loss : 0.182112440268759
806 train loss : 0.1822384501603016
807 65%|███████| 650/1000 [1:41:34<54:27, 9.34s/it]
train loss : 0.181983392713669
808 train loss : 0.18190726315742245
809 65%|███████| 651/1000 [1:41:44<54:34, 9.38s/it]
val loss : 2.7132404843966165 | val acc: 0.
6353107591470083
810 train loss : 0.18159581982990186
811 65%|███████| 653/1000 [1:42:02<53:57, 9.33s/it]
train loss : 0.1816097216507039
812 train loss : 0.18161687158346337
813 66%|███████| 655/1000 [1:42:21<53:29, 9.30s/it]
train loss : 0.18149312460715497
814 train loss : 0.1813258807450781
815 66%|███████| 656/1000 [1:42:31<53:39, 9.36s/it]
val loss : 2.723467372930967 | val acc: 0.
6348501864152077
816 66%|███████| 657/1000 [1:42:40<53:23, 9.34s/it]
train loss : 0.1812315457882002
817 train loss : 0.18119711358637505
818 66%|███████| 659/1000 [1:42:58<52:54, 9.31s/it]
train loss : 0.18087046007067165
819 train loss : 0.1809329939253174
```

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820 66%|███████ | 660/1000 [1:43:08<52:43, 9.30s/it]
    train loss : 0.1807413513029483
821 66%|███████ | 661/1000 [1:43:17<52:54, 9.36s/it]
    val loss : 2.7258343559045057 | val acc: 0.
    6345168661612731
822 train loss : 0.1806373985730894
823 66%|███████ | 663/1000 [1:43:36<52:22, 9.33s/it]
    train loss : 0.18063430342319958
824 66%|███████ | 664/1000 [1:43:45<52:10, 9.32s/it]
    train loss : 0.18059540918412595
825 66%|███████ | 665/1000 [1:43:54<51:59, 9.31s/it]
    train loss : 0.18038719524175384
826 train loss : 0.1801411494144406
827 67%|███████ | 666/1000 [1:44:04<52:07, 9.37s/it]
    val loss : 2.7266053557395935 | val acc: 0.
    6361596584320068
828 67%|███████ | 667/1000 [1:44:13<51:51, 9.34s/it]
    train loss : 0.1800035323448361
829 67%|███████ | 668/1000 [1:44:22<51:37, 9.33s/it]
    train loss : 0.1800418579413098
830 train loss : 0.1801836272416946
831 67%|███████ | 670/1000 [1:44:41<51:11, 9.31s/it]
    train loss : 0.1797528196003147
832 train loss : 0.17991796445892985
833 67%|███████ | 671/1000 [1:44:50<51:20, 9.36s/it]
    val loss : 2.7359356742638807 | val acc: 0.
    6332197086169169
834 train loss : 0.17969058019069295
835 67%|███████ | 673/1000 [1:45:09<50:49, 9.32s/it]
    train loss : 0.17958534144819696
836 67%|███████ | 674/1000 [1:45:18<50:35, 9.31s/it]
    train loss : 0.17950112076754887
837 train loss : 0.1796054595607585
838 68%|███████ | 675/1000 [1:45:28<50:23, 9.30s/it]
    train loss : 0.17924995533571653
839 val loss : 2.73841122786204 | val acc: 0.
    6349125810158558
840 68%|███████ | 677/1000 [1:45:46<50:17, 9.34s/it]
    train loss : 0.1790729589948419
841 train loss : 0.17905019498959268
842 68%|███████ | 679/1000 [1:46:05<49:52, 9.32s/it]
```

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842 train loss : 0.1791446484613332
843 68%|███████| 680/1000 [1:46:14<49:38, 9.31s/it]
    train loss : 0.17878802264774163
844 train loss : 0.1788105762406299
845 val loss : 2.741705289253822 | val acc: 0.
    6341761568417916
846 68%|███████| 682/1000 [1:46:33<49:30, 9.34s/it]
    train loss : 0.17861105464428878
847 68%|███████| 683/1000 [1:46:42<49:17, 9.33s/it]
    train loss : 0.17862091029351546
848 train loss : 0.17863346256461798
849 68%|███████| 685/1000 [1:47:01<49:02, 9.34s/it]
    train loss : 0.17850802756151524
850 train loss : 0.17826341335135637
851 val loss : 2.752289985234921 | val acc: 0.
    6337812630793987
852 69%|███████| 687/1000 [1:47:20<49:02, 9.40s/it]
    train loss : 0.17809384107077406
853 train loss : 0.17812189492420774
854 69%|███████| 689/1000 [1:47:39<48:36, 9.38s/it]
    train loss : 0.17801623506781206
855 train loss : 0.17779885168109022
856 69%|███████| 690/1000 [1:47:48<48:23, 9.37s/it]
    train loss : 0.1777327372581207
857 69%|███████| 691/1000 [1:47:58<48:28, 9.41s/it]
    val loss : 2.7593884070714316 | val acc: 0.
    6343066936884171
858 69%|███████| 692/1000 [1:48:07<48:10, 9.39s/it]
    train loss : 0.1775982098420269
859 train loss : 0.17756894733151407
860 69%|███████| 694/1000 [1:48:26<47:39, 9.34s/it]
    train loss : 0.17769898523947036
861 70%|███████| 695/1000 [1:48:35<47:25, 9.33s/it]
    train loss : 0.17736486598385012
862 train loss : 0.17738805806427882
863 70%|███████| 696/1000 [1:48:44<47:32, 9.38s/it]
    val loss : 2.758052477469811 | val acc: 0.
    6362622815829057
864 70%|███████| 697/1000 [1:48:54<47:15, 9.36s/it]
    train loss : 0.1772556337651757
865 70%|███████| 698/1000 [1:49:03<46:59, 9.34s/it]
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865 train loss : 0.1771546089964194
866 train loss : 0.17711216197210294
867 70%|███████| 700/1000 [1:49:22<46:32, 9.31s/it]
    train loss : 0.17677740502343073
868 train loss : 0.1768751337768056
869 val loss : 2.7688928842544556 | val acc: 0.
    6326417346031238
870 70%|███████| 702/1000 [1:49:40<46:24, 9.34s/it]
    train loss : 0.1768138443562346
871 70%|███████| 703/1000 [1:49:50<46:10, 9.33s/it]
    train loss : 0.1766861823159554
872 train loss : 0.17674382355563462
873 70%|███████| 705/1000 [1:50:08<45:46, 9.31s/it]
    train loss : 0.17670718439697836
874 train loss : 0.1765940430009522
875 val loss : 2.7743364618374753 | val acc: 0.
    6361547326430296
876 71%|███████| 707/1000 [1:50:27<45:38, 9.35s/it]
    train loss : 0.17638813515936466
877 train loss : 0.1762704623544405
878 71%|███████| 709/1000 [1:50:46<45:10, 9.32s/it]
    train loss : 0.1761896175302599
879 71%|███████| 710/1000 [1:50:55<45:03, 9.32s/it]
    train loss : 0.1762342744332038
880 train loss : 0.17598631185547753
881 71%|███████| 711/1000 [1:51:04<45:15, 9.40s/it]
    val loss : 2.7798956647897377 | val acc: 0.
    6342237740755081
882 71%|███████| 712/1000 [1:51:14<45:00, 9.38s/it]
    train loss : 0.17600005493968876
883 71%|███████| 713/1000 [1:51:23<44:45, 9.36s/it]
    train loss : 0.1759053338384103
884 71%|███████| 714/1000 [1:51:32<44:30, 9.34s/it]
    train loss : 0.17583361406428596
885 train loss : 0.17566987559931785
886 72%|███████| 715/1000 [1:51:42<44:17, 9.33s/it]
    train loss : 0.17563764783777666
887 val loss : 2.7832067853365188 | val acc: 0.
    6338083553008544
888 72%|███████| 717/1000 [1:52:00<44:05, 9.35s/it]
    train loss : 0.17543885290418584
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889 train loss : 0.17557735071526784
890 72%|███████| 719/1000 [1:52:19<43:39, 9.32s/it]
    train loss : 0.17544391777305363
891 72%|███████| 720/1000 [1:52:28<43:27, 9.31s/it]
    train loss : 0.1755216616667905
892 train loss : 0.17503305869499683
893 72%|███████| 721/1000 [1:52:38<43:33, 9.37s/it]
    val loss : 2.788389394680659 | val acc: 0.
6308109366740936
894 72%|███████| 722/1000 [1:52:47<43:17, 9.34s/it]
    train loss : 0.17498810924119346
895 72%|███████| 723/1000 [1:52:56<43:03, 9.33s/it]
    train loss : 0.17493738930671407
896 72%|███████| 724/1000 [1:53:06<42:51, 9.32s/it]
    train loss : 0.17499848575164417
897 72%|███████| 725/1000 [1:53:15<42:40, 9.31s/it]
    train loss : 0.1750583078501095
898 train loss : 0.1748776705808019
899 73%|███████| 726/1000 [1:53:25<42:51, 9.39s/it]
    val loss : 2.7961953221223292 | val acc: 0.
6331523878452106
900 73%|███████| 727/1000 [1:53:34<42:38, 9.37s/it]
    train loss : 0.17468937588072642
901 73%|███████| 728/1000 [1:53:43<42:23, 9.35s/it]
    train loss : 0.17452117602290595
902 73%|███████| 729/1000 [1:53:53<42:09, 9.33s/it]
    train loss : 0.17458382577780687
903 train loss : 0.17454392718525943
904 73%|███████| 730/1000 [1:54:02<41:55, 9.32s/it]
    train loss : 0.17455937257404291
905 73%|███████| 731/1000 [1:54:11<42:01, 9.37s/it]
    val loss : 2.8010488893741217 | val acc: 0.
6342016076430296
906 73%|███████| 732/1000 [1:54:21<41:45, 9.35s/it]
    train loss : 0.17437158542901093
907 train loss : 0.17418625397873347
908 73%|███████| 734/1000 [1:54:39<41:19, 9.32s/it]
    train loss : 0.17401472453189062
909 train loss : 0.17387966123333773
910 74%|███████| 735/1000 [1:54:48<41:08, 9.32s/it]
    train loss : 0.17414144419379815
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911 val loss : 2.799462928985938 | val acc: 0.  
6349478837771293  
912 74%|███████| 737/1000 [1:55:07<40:58, 9.35s/it]  
train loss : 0.1738528493314525  
913 train loss : 0.17385531010833152  
914 74%|███████| 739/1000 [1:55:26<40:32, 9.32s/it]  
train loss : 0.17392249495939738  
915 74%|███████| 740/1000 [1:55:35<40:20, 9.31s/it]  
train loss : 0.17386040973056557  
916 train loss : 0.17361811794022414  
917 val loss : 2.8123343113141184 | val acc: 0.  
6328190675912759  
918 74%|███████| 742/1000 [1:55:54<40:10, 9.34s/it]  
train loss : 0.17352486369576534  
919 74%|███████| 743/1000 [1:56:03<39:56, 9.32s/it]  
train loss : 0.17353609803660788  
920 74%|███████| 744/1000 [1:56:13<39:44, 9.32s/it]  
train loss : 0.1731445335237979  
921 train loss : 0.17327319976845929  
922 74%|███████| 745/1000 [1:56:22<39:33, 9.31s/it]  
train loss : 0.173319604256814  
923 75%|███████| 746/1000 [1:56:31<39:37, 9.36s/it]  
val loss : 2.8140712800698404 | val acc: 0.  
6341088360700852  
924 75%|███████| 747/1000 [1:56:41<39:22, 9.34s/it]  
train loss : 0.1730608227636476  
925 train loss : 0.17318617794967903  
926 75%|███████| 749/1000 [1:56:59<38:58, 9.32s/it]  
train loss : 0.17305052918518324  
927 train loss : 0.17273317778839753  
928 75%|███████| 750/1000 [1:57:08<38:47, 9.31s/it]  
train loss : 0.17306418943346716  
929 75%|███████| 751/1000 [1:57:18<38:54, 9.38s/it]  
val loss : 2.8157712542093716 | val acc: 0.  
6368361508999115  
930 train loss : 0.17278066742689963  
931 75%|███████| 753/1000 [1:57:37<38:24, 9.33s/it]  
train loss : 0.17287226850599682  
932 train loss : 0.17266557934205443  
933 76%|███████| 755/1000 [1:57:55<38:01, 9.31s/it]  
train loss : 0.1726058321686528
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934 train loss : 0.17239704030297504
935 76%|███████| 756/1000 [1:58:05<38:04, 9.36s/it]
    val loss : 2.8248116970062256 | val acc: 0.
    6356687091099911
936 train loss : 0.17246425092788656
937 76%|███████| 758/1000 [1:58:23<37:38, 9.33s/it]
    train loss : 0.17255307285937127
938 76%|███████| 759/1000 [1:58:33<37:25, 9.32s/it]
    train loss : 0.1722560581665365
939 train loss : 0.1722679839824961
940 76%|███████| 760/1000 [1:58:42<37:14, 9.31s/it]
    train loss : 0.17228887350932104
941 76%|███████| 761/1000 [1:58:51<37:18, 9.37s/it]
    val loss : 2.8318781547057323 | val acc: 0.
    6360521094921308
942 76%|███████| 762/1000 [1:59:01<37:03, 9.34s/it]
    train loss : 0.1722185518927802
943 76%|███████| 763/1000 [1:59:10<36:52, 9.34s/it]
    train loss : 0.1720358012781936
944 train loss : 0.17172608368665085
945 76%|███████| 765/1000 [1:59:29<36:33, 9.34s/it]
    train loss : 0.17187859555153542
946 train loss : 0.17185266779622116
947 val loss : 2.8347375935468917 | val acc: 0.
    6316902121672263
948 77%|███████| 767/1000 [1:59:47<36:21, 9.36s/it]
    train loss : 0.17177081200550104
949 77%|███████| 768/1000 [1:59:57<36:06, 9.34s/it]
    train loss : 0.17180606743844645
950 77%|███████| 769/1000 [2:00:06<35:53, 9.32s/it]
    train loss : 0.17144243729861391
951 77%|███████| 770/1000 [2:00:15<35:42, 9.31s/it]
    train loss : 0.17148302990684033
952 train loss : 0.17142467112801998
953 77%|███████| 771/1000 [2:00:25<35:44, 9.37s/it]
    val loss : 2.8485695887834597 | val acc: 0.
    6323059514547006
954 train loss : 0.1713771459226515
955 77%|███████| 773/1000 [2:00:43<35:16, 9.33s/it]
    train loss : 0.17140064286250695
956 77%|███████| 774/1000 [2:00:53<35:05, 9.31s/it]
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956 train loss : 0.17122978882990694
957 train loss : 0.17141533622194483
958 78%|██████| 775/1000 [2:01:02<34:54, 9.31s/it]
    train loss : 0.17116001921773694
959 val loss : 2.8376076985628176 | val acc: 0.
    6330743940212787
960 78%|██████| 777/1000 [2:01:21<34:43, 9.34s/it]
    train loss : 0.17106731189552443
961 78%|██████| 778/1000 [2:01:30<34:31, 9.33s/it]
    train loss : 0.1709223226535282
962 78%|██████| 779/1000 [2:01:39<34:19, 9.32s/it]
    train loss : 0.17101436014693172
963 train loss : 0.1709727477047141
964 78%|██████| 780/1000 [2:01:49<34:08, 9.31s/it]
    train loss : 0.17082460680908967
965 val loss : 2.847940891216963 | val acc: 0.
    6350578956114941
966 78%|██████| 782/1000 [2:02:07<33:56, 9.34s/it]
    train loss : 0.1707830880394617
967 train loss : 0.17073864428356006
968 78%|██████| 784/1000 [2:02:26<33:32, 9.32s/it]
    train loss : 0.1706228260448182
969 train loss : 0.1704598823444692
970 78%|██████| 785/1000 [2:02:35<33:21, 9.31s/it]
    train loss : 0.17043163142087733
971 79%|██████| 786/1000 [2:02:45<33:25, 9.37s/it]
    val loss : 2.8430127776586094 | val acc: 0.
    6366177686513999
972 79%|██████| 787/1000 [2:02:54<33:11, 9.35s/it]
    train loss : 0.17037717423174384
973 79%|██████| 788/1000 [2:03:03<32:58, 9.33s/it]
    train loss : 0.17042262836382205
974 train loss : 0.1702861666485263
975 79%|██████| 790/1000 [2:03:22<32:36, 9.32s/it]
    train loss : 0.17029578698308212
976 train loss : 0.17018161329440523
977 val loss : 2.852606679384525 | val acc: 0.
    6344142430103742
978 79%|██████| 792/1000 [2:03:41<32:18, 9.32s/it]
    train loss : 0.17013206232960526
979 79%|██████| 793/1000 [2:03:50<32:03, 9.29s/it]
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979 train loss : 0.1699947465632412
980 79%|███████| 794/1000 [2:03:59<31:50, 9.27s/it
    ]train loss : 0.16987021998363477
981 80%|███████| 795/1000 [2:04:08<31:38, 9.26s/it
    ]train loss : 0.16977636690801617
982 train loss : 0.17001133113439096
983 val loss : 2.863332217320418 | val acc: 0.
    6302526661982903
984 80%|███████| 797/1000 [2:04:29<33:05, 9.78s/it
    ]train loss : 0.16972740045757406
985 80%|███████| 798/1000 [2:04:39<33:18, 9.90s/it
    ]train loss : 0.16971959006876802
986 train loss : 0.1696517047610633
987 80%|███████| 800/1000 [2:04:58<32:15, 9.68s/it
    ]train loss : 0.16960790503460924
988 train loss : 0.16945639283881853
989 val loss : 2.8600774636635413 | val acc: 0.
    6350907350961978
990 80%|███████| 802/1000 [2:05:18<32:32, 9.86s/it
    ]train loss : 0.16955694677911073
991 train loss : 0.1694524853625126
992 80%|███████| 804/1000 [2:05:38<32:19, 9.90s/it
    ]train loss : 0.16924596435195044
993 train loss : 0.16938527632057426
994 80%|███████| 805/1000 [2:05:48<32:03, 9.87s/it
    ]train loss : 0.1693069439810625
995 81%|███████| 806/1000 [2:06:00<34:11, 10.57s/it
    ]val loss : 2.8724999825159707 | val acc: 0.
    6348698899531976
996 81%|███████| 807/1000 [2:06:10<33:34, 10.44s/it
    ]train loss : 0.1690588329650768
997 train loss : 0.16907444752186432
998 81%|███████| 809/1000 [2:06:30<32:22, 10.17s/it
    ]train loss : 0.169268046941267
999 81%|███████| 810/1000 [2:06:40<31:46, 10.03s/it
    ]train loss : 0.1689913210679439
1000 train loss : 0.16884471272953153
1001 val loss : 2.870067759966239 | val acc: 0.
    6361621213264954
1002 81%|███████| 812/1000 [2:06:59<30:55, 9.87s/it
    ]train loss : 0.1690489226722554
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1003 train loss : 0.16886103463519525
1004 81%|███████| 814/1000 [2:07:18<29:49, 9.62s/it
    ]train loss : 0.1688362893808794
1005 train loss : 0.16865883660138759
1006 82%|███████| 815/1000 [2:07:27<29:26, 9.55s/it
    ]train loss : 0.16859116343610747
1007 82%|███████| 816/1000 [2:07:37<29:23, 9.59s/it
    ]val loss : 2.8779820853318925 | val acc: 0.
    6353608392752134
1008 train loss : 0.16843061783610414
1009 82%|███████| 818/1000 [2:07:56<29:16, 9.65s/it
    ]train loss : 0.16840605259746144
1010 82%|███████| 819/1000 [2:08:06<29:09, 9.67s/it
    ]train loss : 0.1686123819842138
1011 82%|███████| 820/1000 [2:08:16<29:06, 9.71s/it
    ]train loss : 0.16828547776337757
1012 train loss : 0.16858509287294154
1013 82%|███████| 821/1000 [2:08:26<28:52, 9.68s/it
    ]val loss : 2.885326305261025 | val acc: 0.
    6335702695143528
1014 train loss : 0.16816597900486205
1015 82%|███████| 823/1000 [2:08:44<28:13, 9.57s/it
    ]train loss : 0.16834725528303057
1016 train loss : 0.1682746607060798
1017 82%|███████| 825/1000 [2:09:03<27:41, 9.49s/it
    ]train loss : 0.168092534612447
1018 train loss : 0.1680084080606691
1019 83%|███████| 826/1000 [2:09:13<27:40, 9.54s/it
    ]val loss : 2.8804206061057553 | val acc: 0.
    6347221124630708
1020 train loss : 0.16815471629457804
1021 83%|███████| 828/1000 [2:09:32<27:33, 9.61s/it
    ]train loss : 0.16785603986010897
1022 83%|███████| 829/1000 [2:09:42<27:26, 9.63s/it
    ]train loss : 0.16789761227571834
1023 train loss : 0.16790789606816628
1024 83%|███████| 830/1000 [2:09:52<27:16, 9.62s/it
    ]train loss : 0.1677240286689835
1025 val loss : 2.8897042839955063 | val acc: 0.
    633397862697259
1026 83%|███████| 832/1000 [2:10:11<27:01, 9.65s/it
```

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1026 ]train loss : 0.16770202993121866
1027 train loss : 0.1676994734374932
1028 83%|███████| 834/1000 [2:10:31<26:51, 9.71s/it
    ]train loss : 0.16769116835054806
1029 train loss : 0.16776538862397267
1030 84%|███████| 835/1000 [2:10:40<26:37, 9.68s/it
    ]train loss : 0.16752635734818683
1031 val loss : 2.8983132365422373 | val acc: 0.
6340989844921308
1032 84%|███████| 837/1000 [2:11:00<26:25, 9.73s/it
    ]train loss : 0.1675084818553819
1033 84%|███████| 838/1000 [2:11:11<27:34, 10.21s/it
    ]train loss : 0.1674086298256224
1034 train loss : 0.16727115165841475
1035 84%|███████| 840/1000 [2:11:31<26:45, 10.03s/it
    ]train loss : 0.16735148709642608
1036 train loss : 0.16720999160637914
1037 val loss : 2.8981667573635397 | val acc: 0.
6325867286859415
1038 84%|███████| 842/1000 [2:11:51<26:13, 9.96s/it
    ]train loss : 0.16730447192612577
1039 train loss : 0.16713614063600107
1040 84%|███████| 844/1000 [2:12:10<25:33, 9.83s/it
    ]train loss : 0.16719124024509263
1041 train loss : 0.16702550594609109
1042 84%|███████| 845/1000 [2:12:20<25:10, 9.75s/it
    ]train loss : 0.16735261814479158
1043 85%|███████| 846/1000 [2:12:29<25:04, 9.77s/it
    ]val loss : 2.9053897040012555 | val acc: 0.
6358616405572647
1044 train loss : 0.16696154685721518
1045 85%|███████| 848/1000 [2:12:50<25:09, 9.93s/it
    ]train loss : 0.1668643292610984
1046 train loss : 0.16670432292263163
1047 85%|███████| 850/1000 [2:13:49<54:06, 21.64s/it
    ]train loss : 0.1668339221719017
1048 train loss : 0.1668428185984008
1049 85%|███████| 851/1000 [2:14:20<1:00:50, 24.50s/
    it]val loss : 2.9050050507753324 | val acc: 0.
6323535686884171
1050 forrtl: error (200): program aborting due to
```

1050	control-C event		
1051	Image	PC	Routine
		Line	Source
1052	libifcoremd.dll	00007FFF979ADF54	Unknown
		Unknown	Unknown
1053	KERNELBASE.dll	00007FF850D43157	Unknown
		Unknown	Unknown
1054	KERNEL32.DLL	00007FF85229244D	Unknown
		Unknown	Unknown
1055	ntdll.dll	00007FF85336DFB8	Unknown
		Unknown	Unknown
1056			
1057	Process finished with exit code 0		
1058			