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1 "C:\School Material\  
    CSCI499_NaturalLanguageforInteractiveAI  
    \hw1\venv\Scripts\python.exe" "C:/  
    School Material/  
    CSCI499_NaturalLanguageforInteractiveAI  
    /hw1/train.py" --in_data_fn  
    lang_to_sem_data.json --voc_k 1000 --  
    emb_dim 128  
2 Using CPU  
3 CUDA version: 11.6  
4 range(0, 21023)  
5 [['Turn right and walk over to the  
counter to the right of the sink.', ['  
GotoLocation', 'countertop']], ['Pick  
up the candle on the counter to the  
right of the sink.', ['PickupObject', '  
candle']], ['Turn around and take two  
steps, turn right for four steps and  
stop in front of the sink cabinet.', [  
'GotoLocation', 'cabinet']], ['Open the  
second cabinet door from the left and  
put the candle vertically at the front  
, center of the cabinet and shut the  
door.', ['PutObject', 'cabinet']], ['  
Turn left for three steps and turn  
right to face the toilet.', [  
'GotoLocation', 'toilet']], ['Pick up  
the candle to the right of the green  
spray bottle on top of the toilet tank  
', ['PickupObject', 'candle']], ['Turn  
right for four steps, then turn in a
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5 circle facing the sink cabinet.', [ 'GotoLocation', 'cabinet']], [ 'Open the second cabinet door from the left and put the candle to the right of the first candle in the cabinet.', [ 'PutObject', 'cabinet']], [ 'turn right, go to counter to the right of sink', [ 'GotoLocation', 'countertop']], [ 'pick up yellow candle on counter', [ 'PickupObject', 'candle']], [ 'turn left , go to second cabinet from the left ', [ 'GotoLocation', 'cabinet']], [ 'open cabinet, put candle in cabinet, close cabinet', [ 'PutObject', 'cabinet']], [ 'turn left, go to toilet on the right ', [ 'GotoLocation', 'toilet']], [ 'pick up yellow candle from toilet', [ 'PickupObject', 'candle']], [ 'turn right , go to second cabinet on the left', [ 'GotoLocation', 'cabinet']], [ 'open cabinet, place candle to the right of yellow candle, close cabinet', [ 'PutObject', 'cabinet']], [ 'Turn right and face the counter next to the sink in front of you.', [ 'GotoLocation', 'countertop']], [ 'Take the candle from the sink in front of you.', [ 'PickupObject', 'candle']], [ 'Turn left and face the cabinets to your right .', [ 'GotoLocation', 'cabinet']], [ 'Place the candle in the cabinet under

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5 the sink in front of you and close it
.', ['PutObject', 'cabinet']], ['Turn
left then face the toilet to your right
.', ['GotoLocation', 'toilet']], ['Take
the candle on top of the toilet in
front of you.', ['PickupObject', 'candle']], ['Turn right and face the
cabinet under the sink to your left
.', ['GotoLocation', 'cabinet']], ['Put
the candle inside the cabinet in front
of you and close it.', ['PutObject', 'cabinet']]]

6 {'the': 4, 'to': 5, 'turn': 6, 'and': 7
, 'of': 8, 'on': 9, 'right': 10, 'left
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7 {'CoolObject': 0, 'HeatObject': 1, 'CleanObject': 2, 'SliceObject': 3, 'ToggleObject': 4, 'PickupObject': 5, 'GotoLocation': 6, 'PutObject': 7}
8 INFO: had to represent 84963/1056678 (0.0804) tokens as unk with vocab limit 1000
9 INFO: cut off 4871 instances at len 24 before true ending
10 INFO: encoded 95579 instances without regard to order
11 [[ 1 3 10 ... 0 0 0]
12 [ 1 3 13 ... 0 0 0]
13 [ 1 3 19 ... 0 0 0]
14 ...
15 [ 1 3 4 ... 17 2 0]
16 [ 1 3 5 ... 0 0 0]
17 [ 1 3 4 ... 0 0 0]]
18 INFO: had to represent 341586/4194949 (0.0814) tokens as unk with vocab limit 1000
19 INFO: cut off 19117 instances at len 24 before true ending
20 INFO: encoded 380953 instances without regard to order
21 Model(
22     (embedding): Embedding(1000, 128,
23     padding_idx=0)
23     (maxpool): MaxPool2d(kernel_size=(24, 1), stride=(24, 1), padding=0,
24     dilation=1, ceil_mode=True)
```

```
24     (lstm): LSTM(128, 2)
25     (fc): Linear(in_features=2,
26       out_features=88, bias=True)
27   )
28   0%|          0/1000 [00:00<?, ?it/s
29     ]train action loss : 863.9839086532593
30     | train target loss: 1659.167568206787
31 train action acc : 0.014919595308592892
32   | train target acc: 0.
33   003933918538591113
34   0%|          1/1000 [00:21<5:54:00
35     , 21.26s/it]val action loss : 3431.
36 5399582386017 | val target loss: 6606.
37 368240356445
38 val action acc : 0.015757849393494734
39   | val target losaccs: 0.
40 004181618204870417
41 train action loss : 860.4260060787201
42   | train target loss: 1658.
43 8743233680725
44 train action acc : 0.014919595308592892
45   | train target acc: 0.
46 003933918538591113
47   0%|          3/1000 [00:43<3:43:07
48     , 13.43s/it]train action loss : 856.
49 8780419826508 | train target loss: 1658
50 .5743384361267
51 train action acc : 0.014919595308592892
52   | train target acc: 0.
53 003944381087895877
54 train action loss : 853.3655827045441
```

```
35 | train target loss: 1658.  
2545046806335  
36 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
37 0%| 5/1000 [01:05<3:19:46  
, 12.05s/it]train action loss : 849.  
877302646637 | train target loss: 1657.  
9123182296753  
38 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
39 train action loss : 846.4401881694794  
| train target loss: 1657.  
6240863800049  
40 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
41 1%| 6/1000 [01:27<4:11:49  
, 15.20s/it]val action loss : 3361.  
8372876644135 | val target loss: 6599.  
944430351257  
42 val action acc : 0.015757849393494734  
| val target losaccs: 0.  
0041789932091360355  
43 train action loss : 842.983038187027 |  
train target loss: 1657.2807717323303  
44 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
45 1%| 8/1000 [01:49<3:35:35
```

```
45 , 13.04s/it]train action loss : 839.  
6225740909576 | train target loss: 1656  
.9208068847656  
46 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
47 train action loss : 836.3144595623016  
| train target loss: 1656.  
6619205474854  
48 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
49 1%| 10/1000 [02:12<3:19:55  
, 12.12s/it]train action loss : 832.  
9736802577972 | train target loss: 1656  
.3351006507874  
50 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
51 train action loss : 829.6868336200714  
| train target loss: 1656.  
0198974609375  
52 train action acc : 0.014919595308592892  
| train target acc: 0.  
003923455989286349  
53 1%| 11/1000 [02:33<4:07:00  
, 14.99s/it]val action loss : 3295.  
3784470558167 | val target loss: 6593.  
7840275764465  
54 val action acc : 0.015757849393494734  
| val target losaccs: 0.
```

```
54 004173743217667271
55 train action loss : 826.4188876152039
    | train target loss: 1655.
    6247658729553
56 train action acc : 0.014919595308592892
    | train target acc: 0.
    003923455989286349
57 1%|          | 13/1000 [02:56<3:34:36
, 13.05s/it]train action loss : 823.
1752817630768 | train target loss: 1655
.3853225708008
58 train action acc : 0.014919595308592892
    | train target acc: 0.
    003912993439981586
59 train action loss : 819.9892446994781
    | train target loss: 1655.
    0828170776367
60 train action acc : 0.014919595308592892
    | train target acc: 0.
    003912993439981586
61 2%|          | 15/1000 [03:18<3:19:15
, 12.14s/it]train action loss : 816.
8109982013702 | train target loss: 1654
.7953753471375
62 train action acc : 0.014919595308592892
    | train target acc: 0.
    003912993439981586
63 train action loss : 813.6336255073547
    | train target loss: 1654.
    4992756843567
64 train action acc : 0.014919595308592892
```

```
64 | train target acc: 0.  
003912993439981586  
65 val action loss : 3231.908860206604 |  
val target loss: 6587.703719615936  
66 val action acc : 0.015757849393494734  
| val target losaccs: 0.  
004171118221932889  
67 2%| | 17/1000 [03:51<3:45:56  
, 13.79s/it]train action loss : 810.  
5603759288788 | train target loss: 1654  
.2127947807312  
68 train action acc : 0.014919595308592892  
| train target acc: 0.  
003912993439981586  
69 2%| | 18/1000 [04:02<3:33:11  
, 13.03s/it]train action loss : 807.  
4388105869293 | train target loss: 1653  
.8487658500671  
70 train action acc : 0.014919595308592892  
| train target acc: 0.  
003902530890676822  
71 train action loss : 804.4186155796051  
| train target loss: 1653.  
6181559562683  
72 train action acc : 0.014919595308592892  
| train target acc: 0.  
003902530890676822  
73 2%| | 20/1000 [04:24<3:17:32  
, 12.09s/it]train action loss : 801.  
3581519126892 | train target loss: 1653  
.3321480751038
```

```
74 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
75 train action loss : 798.3562655448914  
| train target loss: 1652.  
997890472412  
76 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
77 val action loss : 3171.2735426425934  
| val target loss: 6582.001255512238  
78 val action acc : 0.015757849393494734  
| val target losaccs: 0.  
004163243234729744  
79 2%|| 22/1000 [04:57<3:44:  
46, 13.79s/it]train action loss : 795.  
3800296783447 | train target loss:  
1652.6795496940613  
80 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
81 train action loss : 792.4416947364807  
| train target loss: 1652.  
407838344574  
82 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
83 2%|| 24/1000 [05:19<3:22:  
40, 12.46s/it]train action loss : 789.  
5129055976868 | train target loss:  
1652.0942549705505
```

```
84 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
85 train action loss : 786.6210079193115  
| train target loss: 1651.  
8049268722534  
86 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
87 2%|| 25/1000 [05:31<3:16:  
21, 12.08s/it]train action loss : 783.  
7370030879974 | train target loss:  
1651.484824180603  
88 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
89 3%|| 26/1000 [05:52<4:02:  
32, 14.94s/it]val action loss : 3113.  
205509185791 | val target loss: 6576.  
136762619019  
90 val action acc : 0.015757849393494734  
| val target losaccs: 0.  
004160618238995361  
91 train action loss : 780.9000742435455  
| train target loss: 1651.  
206106185913  
92 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
93 3%|| 28/1000 [06:15<3:30:  
46, 13.01s/it]train action loss : 778.
```

```
93 0671217441559 | train target loss:  
1650.9110932350159  
94 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
95 3%|| 29/1000 [06:26<3:21:  
36, 12.46s/it]train action loss : 775.  
3000979423523 | train target loss:  
1650.6518259048462  
96 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
97 train action loss : 772.5352985858917  
| train target loss: 1650.  
3350367546082  
98 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
99 3%|| 30/1000 [06:37<3:15:  
35, 12.10s/it]train action loss : 769.  
7899758815765 | train target loss:  
1650.0635328292847  
100 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
101 val action loss : 3057.85250043869 |  
val target loss: 6570.422510147095  
102 val action acc : 0.015757849393494734  
| val target losaccs: 0.  
004160618238995361  
103 3%|| 32/1000 [07:10<3:43:
```

```
103 19, 13.84s/it]train action loss : 767.  
069162607193 | train target loss: 1649  
.7833905220032  
104 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
105 train action loss : 764.3794617652893  
| train target loss: 1649.  
4982089996338  
106 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
107 3%|| 34/1000 [07:32<3:20:  
30, 12.45s/it]train action loss : 761.  
7341643571854 | train target loss:  
1649.2059173583984  
108 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
109 train action loss : 759.0971534252167  
| train target loss: 1648.  
9261856079102  
110 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
111 4%|| 35/1000 [07:43<3:14:  
43, 12.11s/it]train action loss : 756.  
489710688591 | train target loss: 1648  
.576801776886  
112 train action acc : 0.  
014919595308592892 | train target acc
```

```
112 : 0.003902530890676822
113 4%||          | 36/1000 [08:05<3:59:
    31, 14.91s/it]val action loss : 3005.
    1588232517242 | val target loss: 6564.
    842884540558
114 val action acc : 0.015757849393494734
    | val target losaccs: 0.
    004160618238995361
115 train action loss : 753.8756196498871
    | train target loss: 1648.
    3187441825867
116 train action acc : 0.
    014919595308592892 | train target acc
    : 0.003902530890676822
117 4%||          | 38/1000 [08:27<3:28:
    14, 12.99s/it]train action loss : 751.
    3476922512054 | train target loss:
    1648.0411987304688
118 train action acc : 0.
    014919595308592892 | train target acc
    : 0.003902530890676822
119 train action loss : 748.825487613678
    | train target loss: 1647.
    750011920929
120 train action acc : 0.
    014919595308592892 | train target acc
    : 0.003902530890676822
121 4%||          | 40/1000 [08:50<3:12:
    58, 12.06s/it]train action loss : 746.
    3165382146835 | train target loss:
    1647.514853477478
```

```
122 train action acc : 0.  
014919595308592892 | train target acc  
: 0.003902530890676822  
123 train action loss : 743.8226846456528  
| train target loss: 1647.  
2306189537048  
124 train action acc : 0.10552527228784565  
| train target acc: 0.  
003902530890676822  
125 4%|| 41/1000 [09:11<3:57:  
30, 14.86s/it]val action loss : 2954.  
930406808853 | val target loss: 6559.  
046511173248  
126 val action acc : 0.20228479628720603  
| val target losaccs: 0.  
004160618238995361  
127 4%|| 42/1000 [09:22<3:39:  
08, 13.72s/it]train action loss : 741.  
3621166944504 | train target loss:  
1646.821361064911  
128 train action acc : 0.20184350118749936  
| train target acc: 0.  
003902530890676822  
129 train action loss : 738.9546940326691  
| train target loss: 1646.  
633541584015  
130 train action acc : 0.20184350118749936  
| train target acc: 0.  
003902530890676822  
131 4%|| 44/1000 [09:44<3:18:  
01, 12.43s/it]train action loss : 736.
```

```
131 5165956020355 | train target loss:  
1646.3359551429749  
132 train action acc : 0.20184350118749936  
| train target acc: 0.  
003902530890676822  
133 4%|| 45/1000 [09:55<3:11:  
30, 12.03s/it]train action loss : 734.  
1778078079224 | train target loss:  
1646.0510559082031  
134 train action acc : 0.20184350118749936  
| train target acc: 0.  
003912993439981586  
135 train action loss : 731.8160911798477  
| train target loss: 1645.  
7110686302185  
136 train action acc : 0.20184350118749936  
| train target acc: 0.  
003902530890676822  
137 5%|| 46/1000 [10:17<3:56:  
05, 14.85s/it]val action loss : 2907.  
2888551950455 | val target loss: 6553.  
539258003235  
138 val action acc : 0.20228217129147166  
| val target losaccs: 0.  
004160618238995361  
139 5%|| 47/1000 [10:28<3:38:  
30, 13.76s/it]train action loss : 729.  
465756893158 | train target loss: 1645  
.5397634506226  
140 train action acc : 0.20184350118749936  
| train target acc: 0.
```

```
140 003902530890676822
141 train action loss : 727.1496284008026
    | train target loss: 1645.
    1810579299927
142 train action acc : 0.20184350118749936
    | train target acc: 0.
    003902530890676822
143 5%| | 49/1000 [10:51<3:17:
    36, 12.47s/it]train action loss : 724.
    850287437439 | train target loss: 1644
    .8982510566711
144 train action acc : 0.20184350118749936
    | train target acc: 0.
    003902530890676822
145 5%| | 50/1000 [11:02<3:11:
    57, 12.12s/it]train action loss : 722.
    6317664384842 | train target loss:
    1644.6106753349304
146 train action acc : 0.20184350118749936
    | train target acc: 0.
    003912993439981586
147 train action loss : 720.3758637905121
    | train target loss: 1644.
    3220615386963
148 train action acc : 0.20184350118749936
    | train target acc: 0.
    003902530890676822
149 5%| | 51/1000 [11:23<3:55:
    57, 14.92s/it]val action loss : 2861.
    9826984405518 | val target loss: 6547.
    878444671631
```

```
150 val action acc : 0.20228479628720603
    | val target losaccs: 0.
    004160618238995361
151 5%||      | 52/1000 [11:34<3:37:
    26, 13.76s/it]train action loss : 718.
    1837425231934 | train target loss:
    1644.0113453865051
152 train action acc : 0.20184350118749936
    | train target acc: 0.
    003902530890676822
153 5%||      | 53/1000 [11:45<3:24:
    36, 12.96s/it]train action loss : 715.
    974321603775 | train target loss: 1643
    .7988352775574
154 train action acc : 0.20184350118749936
    | train target acc: 0.
    003902530890676822
155 train action loss : 713.8258814811707
    | train target loss: 1643.
    5110325813293
156 train action acc : 0.20184350118749936
    | train target acc: 0.
    003902530890676822
157 6%||      | 55/1000 [12:08<3:09:
    41, 12.04s/it]train action loss : 711.
    6793599128723 | train target loss:
    1643.2082300186157
158 train action acc : 0.20184350118749936
    | train target acc: 0.
    003902530890676822
159 train action loss : 709.5551394224167
```

```
159 | train target loss: 1642.  
9839062690735  
160 train action acc : 0.20184350118749936  
| train target acc: 0.  
0036305046087529687  
161 val action loss : 2819.1523694992065  
| val target loss: 6542.457330703735  
162 val action acc : 0.20228479628720603  
| val target losaccs: 0.  
0027536205253666465  
163 6%| | 57/1000 [12:40<3:35:  
13, 13.69s/it]train action loss : 707.  
4721927642822 | train target loss:  
1642.6526107788086  
164 train action acc : 0.20184350118749936  
| train target acc: 0.  
004279182665648312  
165 6%| | 58/1000 [12:51<3:22:  
51, 12.92s/it]train action loss : 705.  
4134166240692 | train target loss:  
1642.4159245491028  
166 train action acc : 0.20185396373680412  
| train target acc: 0.  
006560018414086776  
167 6%| | 59/1000 [13:03<3:15:  
02, 12.44s/it]train action loss : 703.  
3616666793823 | train target loss:  
1642.1236643791199  
168 train action acc : 0.2290461293798847  
| train target acc: 0.  
007784136682744118
```

```
169 train action loss : 701.3502067327499
| train target loss: 1641.
8000755310059
170 train action acc : 0.49707571746931856
| train target acc: 0.
00840142709172517
171 6%| | 60/1000 [13:14<3:08:
35, 12.04s/it]train action loss : 699.
3298163414001 | train target loss:
1641.5349173545837
172 train action acc : 0.5018257148536812
| train target acc: 0.
00880946651461095
173 val action loss : 2778.682581782341 |
val target loss: 6536.990687847137
174 val action acc : 0.4976388163369235 |
val target losaccs: 0.
007945862087974107
175 6%| | 62/1000 [13:46<3:34:
23, 13.71s/it]train action loss : 697.
3501034975052 | train target loss:
1641.2976250648499
176 train action acc : 0.49595622469370887
| train target acc: 0.
009196580838887204
177 train action loss : 695.3990960121155
| train target loss: 1640.
9726281166077
178 train action acc : 0.49181305516902246
| train target acc: 0.
009426756923592003
```

```
179 6%| | 64/1000 [14:08<3:13:  
23, 12.40s/it]train action loss : 693.  
4935846328735 | train target loss:  
1640.7371339797974  
180 train action acc : 0.4889044664622982  
| train target acc: 0.  
009625545360382511  
181 6%| | 65/1000 [14:20<3:07:  
19, 12.02s/it]train action loss : 691.  
5742018222809 | train target loss:  
1640.489242553711  
182 train action acc : 0.48619466619236446  
| train target acc: 0.  
009866183994392073  
183 train action loss : 689.6619894504547  
| train target loss: 1640.  
1626334190369  
184 train action acc : 0.4848240722334404  
| train target acc: 0.  
01008589752979211  
185 val action loss : 2740.3584319353104  
| val target loss: 6531.502243041992  
186 val action acc : 0.4843589629166853 |  
val target losaccs: 0.  
008646735949054083  
187 7%| | 67/1000 [14:52<3:34:  
07, 13.77s/it]train action loss : 687.  
8135600090027 | train target loss:  
1639.9486541748047  
188 train action acc : 0.48400799338766887  
| train target acc: 0.
```

```
188 010106822628401636
189 7%|██████ | 68/1000 [15:04<3:23:
    34, 13.11s/it]train action loss : 685.
9775021076202 | train target loss:
1639.6209244728088
190 train action acc : 0.48345347827451635
    | train target acc: 0.
010138210276315927
191 7%|██████ | 69/1000 [15:15<3:16:
    14, 12.65s/it]train action loss : 684.
1515555381775 | train target loss:
1639.3916354179382
192 train action acc : 0.4827838751190115
    | train target acc: 0.
010242835769363563
193 7%|██████ | 70/1000 [15:27<3:09:
    08, 12.20s/it]train action loss : 682.
331258893013 | train target loss: 1639
.050886631012
194 train action acc : 0.48236537314682093
    | train target acc: 0.
010274223417277854
195 train action loss : 680.5858272314072
    | train target loss: 1638.
8070902824402
196 train action acc : 0.4821561221607257
    | train target acc: 0.
010316073614496908
197 7%|██████ | 71/1000 [15:48<3:53:
    56, 15.11s/it]val action loss : 2704.
3022726774216 | val target loss: 6525.
```

```
197 979779720306
198 val action acc : 0.4818652169690224 |
    val target losaccs: 0.
    008835735641929581
199 train action loss : 678.801915884018
    | train target loss: 1638.
    497320175171
200 train action acc : 0.4819154835267161
    | train target acc: 0.
    010284685966582618
201 7%|███████ | 73/1000 [16:11<3:22:
    29, 13.11s/it]train action loss : 677.
    0745134353638 | train target loss:
    1638.2562112808228
202 train action acc : 0.48152836920243985
    | train target acc: 0.
    010336998713106435
203 7%|███████ | 74/1000 [16:22<3:13:
    49, 12.56s/it]train action loss : 675.
    3550707101822 | train target loss:
    1637.9606575965881
204 train action acc : 0.481256342920516
    | train target acc: 0.
    011613429728287595
205 8%|███████ | 75/1000 [16:34<3:09:
    29, 12.29s/it]train action loss : 673.
    6406192779541 | train target loss:
    1637.698256969452
206 train action acc : 0.48109940468094453
    | train target acc: 0.
    013538538800364097
```

```
207 train action loss : 672.0014686584473
| train target loss: 1637.
4024305343628
208 train action acc : 0.4809529289906779
| train target acc: 0.
015369484928697727
209 8%|██████ | 76/1000 [16:55<3:52:
56, 15.13s/it]val action loss : 2670.
3587374687195 | val target loss: 6520.
717066287994
210 val action acc : 0.4808099686838009 |
val target losaccs: 0.
014185476948599958
211 train action loss : 670.3389692306519
| train target loss: 1637.
1323637962341
212 train action acc : 0.4807750656524969
| train target acc: 0.
01724228125425041
213 8%|██████ | 78/1000 [17:19<3:24:
54, 13.33s/it]train action loss : 668.
7166734933853 | train target loss:
1636.8398027420044
214 train action acc : 0.4806285899622302
| train target acc: 0.
01835131148055535
215 train action loss : 667.091252207756
| train target loss: 1636.
6215949058533
216 train action acc : 0.48056581466640164
| train target acc: 0.
```

```
216 019313866016593604
217 8%|██████ | 80/1000 [17:42<3:09:
    57, 12.39s/it]train action loss : 665.
    4874320030212 | train target loss:
    1636.3050327301025
218 train action acc : 0.4805135019198778
    | train target acc: 0.
    019983469172098475
219 train action loss : 663.9026893377304
    | train target loss: 1636.
    0493521690369
220 train action acc : 0.48047165172265877
    | train target acc: 0.
    02051705918664142
221 val action loss : 2638.332313656807 |
    val target loss: 6515.295216083527
222 val action acc : 0.48032434447294026
    | val target losaccs: 0.
    017876220951140956
223 8%|██████ | 82/1000 [18:15<3:34:
    46, 14.04s/it]train action loss : 662.
    3610577583313 | train target loss:
    1635.7763648033142
224 train action acc : 0.4804507266240492
    | train target acc: 0.
    020830935665784325
225 8%|██████ | 83/1000 [18:26<3:23:
    00, 13.28s/it]train action loss : 660.
    8669756650925 | train target loss:
    1635.5203981399536
226 train action acc : 0.48038795132822065
```

```
226 | train target acc: 0.  
021123887046317704  
227 8%|██████ | 84/1000 [18:38<3:14:  
06, 12.71s/it]train action loss : 659.  
3394926786423 | train target loss:  
1635.267680644989  
228 train action acc : 0.4803774887789159  
| train target acc: 0.  
021374988229632033  
229 train action loss : 657.8140493631363  
| train target loss: 1634.  
9286813735962  
230 train action acc : 0.4803670262296111  
| train target acc: 0.  
021824877849736867  
231 8%|██████ | 85/1000 [18:49<3:08:  
54, 12.39s/it]train action loss : 656.  
3107297420502 | train target loss:  
1634.7066898345947  
232 train action acc : 0.4803356385816968  
| train target acc: 0.  
02201320373722261  
233 9%|██████ | 86/1000 [19:11<3:52:  
21, 15.25s/it]val action loss : 2608.  
275733232498 | val target loss: 6509.  
985915660858  
234 val action acc : 0.48016421973314294  
| val target losaccs: 0.  
01915984386525372  
235 9%|██████ | 87/1000 [19:23<3:34:  
11, 14.08s/it]train action loss : 654.
```

```
235 8992813825607 | train target loss:  
    1634.4194765090942  
236 train action acc : 0.48032517603239205  
    | train target acc: 0.  
    0222747674698417  
237 train action loss : 653.4365620613098  
    | train target loss: 1634.  
    1682438850403  
238 train action acc : 0.48030425093378254  
    | train target acc: 0.  
    022348005314975047  
239 9%|███████ | 89/1000 [19:45<3:11:  
    26, 12.61s/it]train action loss : 651.  
    9946581125259 | train target loss:  
    1633.9026188850403  
240 train action acc : 0.48030425093378254  
    | train target acc: 0.  
    022546793751765555  
241 9%|███████ | 90/1000 [19:56<3:04:  
    22, 12.16s/it]train action loss : 650.  
    6235991716385 | train target loss:  
    1633.61470079422  
242 train action acc : 0.48030425093378254  
    | train target acc: 0.  
    022431705709413156  
243 train action loss : 649.250046133995  
    | train target loss: 1633.  
    3919458389282  
244 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    022431705709413156
```

```
245 val action loss : 2580.1544692516327
    | val target loss: 6504.797640800476
246 val action acc : 0.48014321976726787
    | val target losaccs: 0.
019343593566660454
247 9%|███████ | 92/1000 [20:29<3:29:
23, 13.84s/it]train action loss : 647.
8659943342209 | train target loss:
1633.0607199668884
248 train action acc : 0.4802937883844778
    | train target acc: 0.
022410780610803628
249 train action loss : 646.5317184925079
    | train target loss: 1632.
8370461463928
250 train action acc : 0.4802937883844778
    | train target acc: 0.
0222747674698417
251 9%|███████ | 94/1000 [20:51<3:07:
46, 12.43s/it]train action loss : 645.
147647023201 | train target loss: 1632
.5305848121643
252 train action acc : 0.4802937883844778
    | train target acc: 0.
02219106707540359
253 train action loss : 643.8470605611801
    | train target loss: 1632.
311734676361
254 train action acc : 0.4802937883844778
    | train target acc: 0.
022337542765670283
```

```
255 10%|██████ | 95/1000 [21:02<3:01:  
18, 12.02s/it]train action loss : 642.  
5180881023407 | train target loss:  
1632.0104002952576  
256 train action acc : 0.4802937883844778  
| train target acc: 0.  
02279789493507988  
257 10%|██████ | 96/1000 [21:23<3:43:  
47, 14.85s/it]val action loss : 2553.  
6813764572144 | val target loss: 6499.  
4042019844055  
258 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
01987121770927122  
259 10%|██████ | 97/1000 [21:35<3:27:  
18, 13.78s/it]train action loss : 641.  
2619696855545 | train target loss:  
1631.7636647224426  
260 train action acc : 0.4802937883844778  
| train target acc: 0.  
022745582188556063  
261 10%|██████ | 98/1000 [21:46<3:15:  
15, 12.99s/it]train action loss : 640.  
0078929662704 | train target loss:  
1631.465458393097  
262 train action acc : 0.4802937883844778  
| train target acc: 0.  
022871132780213226  
263 train action loss : 638.737077832222  
| train target loss: 1631.  
233633518219
```

```
264 train action acc : 0.4802937883844778
| train target acc: 0.
022923445526737043
265 10%|██████ | 100/1000 [22:08<3:00:
27, 12.03s/it]train action loss : 637.
5096992254257 | train target loss:
1630.925208568573
266 train action acc : 0.4802937883844778
| train target acc: 0.
0229652957239561
267 train action loss : 636.3418387174606
| train target loss: 1630.
6755352020264
268 train action acc : 0.4802937883844778
| train target acc: 0.
02302807101978468
269 val action loss : 2528.981412410736 |
val target loss: 6494.308043003082
270 val action acc : 0.48014321976726787
| val target losaccs: 0.
020070717385084248
271 10%|██████ | 102/1000 [22:41<3:26:
30, 13.80s/it]train action loss : 635.
0875796079636 | train target loss:
1630.4765009880066
272 train action acc : 0.4802937883844778
| train target acc: 0.
022839745132298937
273 train action loss : 633.9203065633774
| train target loss: 1630.
1374382972717
```

```
274 train action acc : 0.4802937883844778
| train target acc: 0.
022954833174651336
275 10%|██████ | 104/1000 [23:03<3:05:
27, 12.42s/it]train action loss : 632.
7416405677795 | train target loss:
1629.9116897583008
276 train action acc : 0.4802937883844778
| train target acc: 0.
02538214461335649
277 train action loss : 631.5691168308258
| train target loss: 1629.62544631958
278 train action acc : 0.4802937883844778
| train target acc: 0.
0532020632147229
279 10%|██████ | 105/1000 [23:14<2:59:
32, 12.04s/it]train action loss : 630.
4341875314713 | train target loss:
1629.350980758667
280 train action acc : 0.4802937883844778
| train target acc: 0.055587524456209
281 val action loss : 2505.718281984329 |
val target loss: 6489.150550842285
282 val action acc : 0.48014321976726787
| val target losaccs: 0.
05575753439400661
283 11%|██████ | 107/1000 [23:47<3:24:
38, 13.75s/it]train action loss : 629.
3235648870468 | train target loss:
1629.106626033783
284 train action acc : 0.4802937883844778
```

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284 | train target acc: 0.  
056194352315885286  
285 11%|██████ | 108/1000 [23:58<3:12:  
44, 12.96s/it]train action loss : 628.  
1829210519791 | train target loss:  
1628.8862504959106  
286 train action acc : 0.4802937883844778  
| train target acc: 0.  
05672794233042823  
287 train action loss : 627.1109719276428  
| train target loss: 1628.  
5645809173584  
288 train action acc : 0.4802937883844778  
| train target acc: 0.  
05713598175331401  
289 11%|██████ | 110/1000 [24:20<2:58:  
44, 12.05s/it]train action loss : 625.  
9802049398422 | train target loss:  
1628.2425384521484  
290 train action acc : 0.4802937883844778  
| train target acc: 0.  
05747078333106645  
291 train action loss : 624.9609559774399  
| train target loss: 1628.  
0445704460144  
292 train action acc : 0.4802937883844778  
| train target acc: 0.  
05792067295117128  
293 val action loss : 2483.975915670395 |  
val target loss: 6484.029744625092  
294 val action acc : 0.48014321976726787
```

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294 | val target losaccs: 0.  
05882090441603032  
295 11%|██████ | 112/1000 [24:53<3:22:  
54, 13.71s/it]train action loss : 623.  
95359146595 | train target loss: 1627.  
7951197624207  
296 train action acc : 0.4802937883844778  
| train target acc: 0.  
05821362433170466  
297 train action loss : 622.8512758016586  
| train target loss: 1627.  
5231819152832  
298 train action acc : 0.4802937883844778  
| train target acc: 0.  
05859027610667615  
299 11%|██████ | 114/1000 [25:15<3:03:  
32, 12.43s/it]train action loss : 621.  
8340299129486 | train target loss:  
1627.2546133995056  
300 train action acc : 0.4802937883844778  
| train target acc: 0.  
058820452191380955  
301 12%|██████ | 115/1000 [25:26<2:56:  
56, 12.00s/it]train action loss : 620.  
799957036972 | train target loss: 1627  
.0265078544617  
302 train action acc : 0.4802937883844778  
| train target acc: 0.  
05898785298025717  
303 train action loss : 619.8416258096695  
| train target loss: 1626.
```

```
303 7111525535583
304 train action acc : 0.4802937883844778
    | train target acc: 0.
    05939589240314295
305 val action loss : 2463.6702810525894
    | val target loss: 6478.867986679077
306 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    06032502697183117
307 12%|███████| 117/1000 [25:59<3:23:
10, 13.81s/it]train action loss : 618.
8308424949646 | train target loss:
1626.4916796684265
308 train action acc : 0.4802937883844778
    | train target acc: 0.
    0597830067274192
309 12%|███████| 118/1000 [26:10<3:11:
07, 13.00s/it]train action loss : 617.
8129327297211 | train target loss:
1626.2277755737305
310 train action acc : 0.4802937883844778
    | train target acc: 0.
    05988763222046684
311 train action loss : 616.8617653846741
    | train target loss: 1625.
    9208903312683
312 train action acc : 0.4802937883844778
    | train target acc: 0.
    06013873340378117
313 12%|███████| 120/1000 [26:32<2:56:
35, 12.04s/it]train action loss : 615.
```

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313 9395245313644 | train target loss:  
1625.7479877471924  
314 train action acc : 0.4802937883844778  
| train target acc: 0.  
06043168478431454  
315 train action loss : 615.002764582634  
| train target loss: 1625.  
4151301383972  
316 train action acc : 0.4802937883844778  
| train target acc: 0.  
06044214733361931  
317 12%|███████ | 121/1000 [26:54<3:38:  
41, 14.93s/it]val action loss : 2444.  
598958134651 | val target loss: 6473.  
677088260651  
318 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
0612070255385835  
319 train action loss : 614.0541917085648  
| train target loss: 1625.  
1926345825195  
320 train action acc : 0.4802937883844778  
| train target acc: 0.  
06049446008014313  
321 12%|███████ | 123/1000 [27:16<3:10:  
05, 13.01s/it]train action loss : 613.  
1644202470779 | train target loss:  
1624.9805526733398  
322 train action acc : 0.4802937883844778  
| train target acc: 0.  
06059908557319076
```

```
323 train action loss : 612.322381734848
| train target loss: 1624.
6615858078003
324 train action acc : 0.4802937883844778
| train target acc: 0.
06065139831971458
325 12%|██████ | 125/1000 [27:38<2:55:
21, 12.02s/it]train action loss : 611.
3855921030045 | train target loss:
1624.4071168899536
326 train action acc : 0.4802937883844778
| train target acc: 0.
06066186086901935
327 train action loss : 610.5548028945923
| train target loss: 1624.
1609106063843
328 train action acc : 0.4802937883844778
| train target acc: 0.
06099666244677178
329 val action loss : 2426.7381957769394
| val target loss: 6468.645446777344
330 val action acc : 0.48014321976726787
| val target losaccs: 0.
062309523747023914
331 13%|██████ | 127/1000 [28:11<3:19:
38, 13.72s/it]train action loss : 609.
6586257219315 | train target loss:
1623.862750530243
332 train action acc : 0.4802937883844778
| train target acc: 0.
06123730108078134
```

```
333 13%|██████ | 128/1000 [28:22<3:07:  
51, 12.93s/it]train action loss : 608.  
784002661705 | train target loss: 1623  
.6396017074585  
334 train action acc : 0.4802937883844778  
| train target acc: 0.  
061394239320352796  
335 13%|██████ | 129/1000 [28:33<3:00:  
23, 12.43s/it]train action loss : 607.  
9786864519119 | train target loss:  
1623.3973565101624  
336 train action acc : 0.4802937883844778  
| train target acc: 0.  
06143608951757185  
337 train action loss : 607.1685807704926  
| train target loss: 1623.10578250885  
338 train action acc : 0.4802937883844778  
| train target acc: 0.  
061467477165486145  
339 13%|██████ | 130/1000 [28:44<2:54:  
33, 12.04s/it]train action loss : 606.  
3420052528381 | train target loss:  
1622.8610577583313  
340 train action acc : 0.4802937883844778  
| train target acc: 0.  
06143608951757185  
341 13%|██████ | 131/1000 [29:06<3:35:  
36, 14.89s/it]val action loss : 2410.  
2860493659973 | val target loss: 6463.  
6040596961975  
342 val action acc : 0.48014321976726787
```

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342 | val target losaccs: 0.  
06258514829913402  
343 13%|██████ | 132/1000 [29:17<3:19:  
06, 13.76s/it]train action loss : 605.  
4595347642899 | train target loss:  
1622.6171612739563  
344 train action acc : 0.4802937883844778  
| train target acc: 0.  
06140470186965756  
345 13%|██████ | 133/1000 [29:29<3:08:  
38, 13.05s/it]train action loss : 604.  
691336274147 | train target loss: 1622  
.4065823554993  
346 train action acc : 0.4802937883844778  
| train target acc: 0.  
061509327362705195  
347 13%|██████ | 134/1000 [29:40<3:00:  
15, 12.49s/it]train action loss : 603.  
9108082056046 | train target loss:  
1622.0390462875366  
348 train action acc : 0.4802937883844778  
| train target acc: 0.  
061509327362705195  
349 14%|██████ | 135/1000 [29:51<2:54:  
04, 12.07s/it]train action loss : 603.  
1746447086334 | train target loss:  
1621.867127418518  
350 train action acc : 0.4802937883844778  
| train target acc: 0.  
06149886481340043  
351 train action loss : 602.3798027038574
```

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351 | train target loss: 1621.  
5436100959778  
352 train action acc : 0.4802937883844778  
| train target acc: 0.  
06135238912313374  
353 val action loss : 2394.5354682207108  
| val target loss: 6458.61784029007  
354 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
06285814785550974  
355 14%|██████ | 137/1000 [30:24<3:20:  
50, 13.96s/it]train action loss : 601.  
6671272516251 | train target loss:  
1621.3680667877197  
356 train action acc : 0.4802937883844778  
| train target acc: 0.  
061467477165486145  
357 train action loss : 600.847309589386  
| train target loss: 1621.  
0510792732239  
358 train action acc : 0.4802937883844778  
| train target acc: 0.  
06149886481340043  
359 14%|██████ | 139/1000 [30:47<3:00:  
28, 12.58s/it]train action loss : 600.  
1087297201157 | train target loss:  
1620.8388242721558  
360 train action acc : 0.4802937883844778  
| train target acc: 0.  
06145701461618138  
361 train action loss : 599.4117243289948
```

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361 | train target loss: 1620.  
521900653839  
362 train action acc : 0.4802937883844778  
| train target acc: 0.  
061509327362705195  
363 14%|██████ | 140/1000 [30:58<2:54:  
21, 12.16s/it]train action loss : 598.  
699915766716 | train target loss: 1620  
.3499827384949  
364 train action acc : 0.4802937883844778  
| train target acc: 0.  
06149886481340043  
365 14%|██████ | 141/1000 [31:19<3:33:  
54, 14.94s/it]val action loss : 2380.  
046054959297 | val target loss: 6453.  
627870082855  
366 val action acc : 0.48014321976726787  
| val target losacccs: 0.  
06292377274886929  
367 14%|██████ | 142/1000 [31:31<3:17:  
35, 13.82s/it]train action loss : 597.  
9562859535217 | train target loss:  
1620.0228815078735  
368 train action acc : 0.4802937883844778  
| train target acc: 0.  
06151978991200996  
369 14%|██████ | 143/1000 [31:42<3:06:  
30, 13.06s/it]train action loss : 597.  
2893545627594 | train target loss:  
1619.813729763031  
370 train action acc : 0.4802937883844778
```

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370 | train target acc: 0.  
061488402264095667  
371 14%|██████ | 144/1000 [31:53<2:57:  
22, 12.43s/it]train action loss : 596.  
6070691347122 | train target loss:  
1619.5546660423279  
372 train action acc : 0.4802937883844778  
| train target acc: 0.  
06153025246131472  
373 14%|██████ | 145/1000 [32:04<2:51:  
12, 12.01s/it]train action loss : 595.  
8771698474884 | train target loss:  
1619.3531613349915  
374 train action acc : 0.4802937883844778  
| train target acc: 0.  
06151978991200996  
375 train action loss : 595.1652406454086  
| train target loss: 1619.  
0979008674622  
376 train action acc : 0.4802937883844778  
| train target acc: 0.  
06149886481340043  
377 val action loss : 2366.256490588188 |  
val target loss: 6448.540820598602  
378 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
06296052268915063  
379 15%|██████ | 147/1000 [32:36<3:15:  
07, 13.72s/it]train action loss : 594.  
5604500770569 | train target loss:  
1618.7961683273315
```

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380 train action acc : 0.4802937883844778
| train target acc: 0.
06153025246131472
381 15%|██████ | 148/1000 [32:47<3:03:
04, 12.89s/it]train action loss : 593.
9509423971176 | train target loss:
1618.573757648468
382 train action acc : 0.4802937883844778
| train target acc: 0.
06149886481340043
383 train action loss : 593.2711007595062
| train target loss: 1618.
3042931556702
384 train action acc : 0.4802937883844778
| train target acc: 0.
06155117755992425
385 15%|██████ | 150/1000 [33:10<2:49:
55, 11.99s/it]train action loss : 592.
5950843095779 | train target loss:
1618.0012254714966
386 train action acc : 0.4802937883844778
| train target acc: 0.
06163487795436236
387 train action loss : 591.9894367456436
| train target loss: 1617.
7703895568848
388 train action acc : 0.4802937883844778
| train target acc: 0.
061676728151581414
389 15%|██████ | 151/1000 [33:31<3:29:
09, 14.78s/it]val action loss : 2353.
```

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389 3170387744904 | val target loss: 6443.  
697296142578  
390 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
0630655225185259  
391 train action loss : 591.3900891542435  
| train target loss: 1617.  
5402097702026  
392 train action acc : 0.4802937883844778  
| train target acc: 0.  
06170811579949571  
393 15%|██████ | 153/1000 [33:53<3:02:  
00, 12.89s/it]train action loss : 590.  
7886103391647 | train target loss:  
1617.3469924926758  
394 train action acc : 0.4802937883844778  
| train target acc: 0.06173950344741  
395 train action loss : 590.1088137626648  
| train target loss: 1617.  
0878558158875  
396 train action acc : 0.4802937883844778  
| train target acc: 0.  
06181274129254334  
397 16%|██████ | 155/1000 [34:15<2:48:  
49, 11.99s/it]train action loss : 589.  
6182788610458 | train target loss:  
1616.7981929779053  
398 train action acc : 0.4802937883844778  
| train target acc: 0.  
061844128940457634  
399 train action loss : 589.0234723091125
```

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399 | train target loss: 1616.  
5293884277344  
400 train action acc : 0.4802937883844778  
| train target acc: 0.  
06186505403906716  
401 val action loss : 2341.3090901374817  
| val target loss: 6438.875302314758  
402 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
06323877223699512  
403 16%|██████ | 157/1000 [34:48<3:12:  
38, 13.71s/it]train action loss : 588.  
4387853145599 | train target loss:  
1616.331136226654  
404 train action acc : 0.4802937883844778  
| train target acc: 0.  
06188597913767668  
405 16%|██████ | 158/1000 [34:59<3:01:  
29, 12.93s/it]train action loss : 587.  
7730697393417 | train target loss:  
1616.0331802368164  
406 train action acc : 0.4802937883844778  
| train target acc: 0.  
06190690423628621  
407 16%|██████ | 159/1000 [35:10<2:53:  
25, 12.37s/it]train action loss : 587.  
2541255950928 | train target loss:  
1615.7794399261475  
408 train action acc : 0.4802937883844778  
| train target acc: 0.  
062011529729333846
```

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409 train action loss : 586.645067691803
| train target loss: 1615.
5737380981445
410 train action acc : 0.4802937883844778
| train target acc: 0.
06206384247585767
411 16%|██████ | 160/1000 [35:21<2:47:
37, 11.97s/it]train action loss : 586.
1430048942566 | train target loss:
1615.351002216339
412 train action acc : 0.4802937883844778
| train target acc: 0.
0620533799265529
413 val action loss : 2330.132294535637 |
val target loss: 6434.058980464935
414 val action acc : 0.48014321976726787
| val target losaccs: 0.
06336739702797983
415 16%|██████ | 162/1000 [35:54<3:12:
12, 13.76s/it]train action loss : 585.
5271919965744 | train target loss:
1615.027151107788
416 train action acc : 0.4802937883844778
| train target acc: 0.
062032454827943374
417 train action loss : 585.0454989671707
| train target loss: 1614.
858235359192
418 train action acc : 0.4802937883844778
| train target acc: 0.
062032454827943374
```

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419 16%|██████ | 164/1000 [36:16<2:53:  
02, 12.42s/it]train action loss : 584.  
5095316171646 | train target loss:  
1614.6204957962036  
420 train action acc : 0.4802937883844778  
| train target acc: 0.  
06212661777168625  
421 train action loss : 584.021122097969  
| train target loss: 1614.  
366177558899  
422 train action acc : 0.4802937883844778  
| train target acc: 0.  
06222078071542912  
423 16%|██████ | 165/1000 [36:27<2:47:  
48, 12.06s/it]train action loss : 583.  
4940338134766 | train target loss:  
1614.1357049942017  
424 train action acc : 0.4802937883844778  
| train target acc: 0.  
062231243264733886  
425 val action loss : 2319.457656145096 |  
val target loss: 6428.993412494659  
426 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
0634881468317614  
427 17%|██████ | 167/1000 [37:00<3:10:  
03, 13.69s/it]train action loss : 582.  
9548937082291 | train target loss:  
1613.8180680274963  
428 train action acc : 0.4802937883844778  
| train target acc: 0.
```

428 06224170581403865  
429 17%|██████ | 168/1000 [37:11<2:58:  
57, 12.91s/it]train action loss : 582.  
3969427347183 | train target loss:  
1613.5604434013367  
430 train action acc : 0.4802937883844778  
| train target acc: 0.  
062252168363343414  
431 train action loss : 581.9416978359222  
| train target loss: 1613.  
403082370758  
432 train action acc : 0.4802937883844778  
| train target acc: 0.  
06221031816612436  
433 17%|██████ | 170/1000 [37:33<2:45:  
43, 11.98s/it]train action loss : 581.  
4170253276825 | train target loss:  
1613.0887775421143  
434 train action acc : 0.4802937883844778  
| train target acc: 0.  
062231243264733886  
435 train action loss : 581.0038135051727  
| train target loss: 1612.  
907645225525  
436 train action acc : 0.4802937883844778  
| train target acc: 0.  
06222078071542912  
437 17%|██████ | 171/1000 [37:54<3:25:  
24, 14.87s/it]val action loss : 2309.  
8692311048508 | val target loss: 6424.  
44872379303

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438 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    06349602181896455
439 train action loss : 580.4737849235535
    | train target loss: 1612.
    6257257461548
440 train action acc : 0.4802937883844778
    | train target acc: 0.
    06222078071542912
441 17%|███████| 173/1000 [38:17<2:58:
20, 12.94s/it]train action loss : 579.
994143486023 | train target loss: 1612
.373559474945
442 train action acc : 0.4802937883844778
    | train target acc: 0.
    06222078071542912
443 17%|███████| 174/1000 [38:28<2:50:
53, 12.41s/it]train action loss : 579.
5166552066803 | train target loss:
1612.1267576217651
444 train action acc : 0.4802937883844778
    | train target acc: 0.
    062252168363343414
445 18%|███████| 175/1000 [38:39<2:45:
01, 12.00s/it]train action loss : 579.
0750721693039 | train target loss:
1611.9003510475159
446 train action acc : 0.4802937883844778
    | train target acc: 0.
    06222078071542912
447 train action loss : 578.6135410070419
```

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447 | train target loss: 1611.  
7071895599365  
448 train action acc : 0.4802937883844778  
| train target acc: 0.  
062231243264733886  
449 val action loss : 2300.171761393547 |  
val target loss: 6419.558534145355  
450 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
0634881468317614  
451 18%|██████████| 177/1000 [39:11<3:07:  
42, 13.68s/it]train action loss : 578.  
1773916482925 | train target loss:  
1611.4232397079468  
452 train action acc : 0.4802937883844778  
| train target acc: 0.  
06224170581403865  
453 train action loss : 577.7176039218903  
| train target loss: 1611.  
175323009491  
454 train action acc : 0.4802937883844778  
| train target acc: 0.  
062231243264733886  
455 18%|██████████| 179/1000 [39:34<2:49:  
45, 12.41s/it]train action loss : 577.  
2926678657532 | train target loss:  
1610.9309811592102  
456 train action acc : 0.4802937883844778  
| train target acc: 0.  
062252168363343414  
457 18%|██████████| 180/1000 [39:45<2:44:
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457 45, 12.06s/it]train action loss : 576.  
7823250293732 | train target loss:  
1610.6572995185852  
458 train action acc : 0.4802937883844778  
| train target acc: 0.  
06240910660291486  
459 train action loss : 576.3376123905182  
| train target loss: 1610.  
4206080436707  
460 train action acc : 0.4802937883844778  
| train target acc: 0.  
06256604484248632  
461 val action loss : 2291.418412923813 |  
val target loss: 6414.8933272361755  
462 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
06386089622604363  
463 18%|██████ | 182/1000 [40:17<3:07:  
10, 13.73s/it]train action loss : 576.  
0185546875 | train target loss: 1610.  
226237297058  
464 train action acc : 0.4802937883844778  
| train target acc: 0.  
0626288201383149  
465 18%|██████ | 183/1000 [40:28<2:56:  
33, 12.97s/it]train action loss : 575.  
5591703653336 | train target loss:  
1609.9570217132568  
466 train action acc : 0.4802937883844778  
| train target acc: 0.  
06260789503970537
```

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467 train action loss : 575.0788688659668
| train target loss: 1609.
7514538764954
468 train action acc : 0.4802937883844778
| train target acc: 0.
06269159543414349
469 18%|██████ | 185/1000 [40:52<2:46:
49, 12.28s/it]train action loss : 574.
6592692136765 | train target loss:
1609.4666223526
470 train action acc : 0.4802937883844778
| train target acc: 0.
06271252053275302
471 train action loss : 574.3020650148392
| train target loss: 1609.
1847305297852
472 train action acc : 0.4802937883844778
| train target acc: 0.
06277529582858159
473 val action loss : 2283.124276161194 |
val target loss: 6410.257941246033
474 val action acc : 0.48014321976726787
| val target losaccs: 0.
0640262709573097
475 19%|██████ | 187/1000 [41:24<3:07:
43, 13.85s/it]train action loss : 573.
8013595342636 | train target loss:
1608.9965372085571
476 train action acc : 0.4802937883844778
| train target acc: 0.
06271252053275302
```

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477 train action loss : 573.462847828865
| train target loss: 1608.
7813167572021
478 train action acc : 0.4802937883844778
| train target acc: 0.
06270205798344824
479 19%|██████ | 189/1000 [41:46<2:48:
06, 12.44s/it]train action loss : 573.
1319123506546 | train target loss:
1608.580871105194
480 train action acc : 0.4802937883844778
| train target acc: 0.
06286945877232447
481 train action loss : 572.7082730531693
| train target loss: 1608.
2888956069946
482 train action acc : 0.4802937883844778
| train target acc: 0.
06290084642023876
483 19%|██████ | 190/1000 [41:58<2:43:
09, 12.09s/it]train action loss : 572.
3101065158844 | train target loss:
1608.0782351493835
484 train action acc : 0.4802937883844778
| train target acc: 0.
06302639701189591
485 val action loss : 2275.3752542734146
| val target loss: 6405.510091781616
486 val action acc : 0.48014321976726787
| val target losaccs: 0.
06409977083787238
```

487 19% | [ 192/1000 [42:30<3:05:  
45, 13.79s/it]train action loss : 571.  
8795000314713 | train target loss:  
1607.7558875083923

488 train action acc : 0.4802937883844778  
| train target acc: 0.  
06299500936398163

489 19% | [ 193/1000 [42:41<2:54:  
48, 13.00s/it]train action loss : 571.  
5991896390915 | train target loss:  
1607.5833177566528

490 train action acc : 0.4802937883844778  
| train target acc: 0.  
0630054719132864

491 19% | [ 194/1000 [42:52<2:46:  
54, 12.43s/it]train action loss : 571.  
1225686073303 | train target loss:  
1607.3252139091492

492 train action acc : 0.4802937883844778  
| train target acc: 0.  
06291130896954351

493 train action loss : 570.8038049936295  
| train target loss: 1607.  
1100511550903

494 train action acc : 0.4802937883844778  
| train target acc: 0.  
06283807112441017

495 20% | [ 195/1000 [43:04<2:41:  
27, 12.03s/it]train action loss : 570.  
4583439826965 | train target loss:  
1606.8962478637695

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496 train action acc : 0.4802937883844778
| train target acc: 0.
06295315916676257
497 20%|██████ | 196/1000 [43:25<3:18:
15, 14.80s/it]val action loss : 2267.
768859386444 | val target loss: 6400.
61595582962
498 val action acc : 0.48014321976726787
| val target losacccs: 0.
06432814546676362
499 train action loss : 570.026426076889
| train target loss: 1606.
6139936447144
500 train action acc : 0.4802937883844778
| train target acc: 0.
06352859937852458
501 20%|██████ | 198/1000 [43:47<2:51:
49, 12.85s/it]train action loss : 569.
7398812770844 | train target loss:
1606.3844332695007
502 train action acc : 0.4802937883844778
| train target acc: 0.
06382155075905795
503 train action loss : 569.3771611452103
| train target loss: 1606.
1717319488525
504 train action acc : 0.4802937883844778
| train target acc: 0.
06387386350558177
505 20%|██████ | 200/1000 [44:09<2:38:
43, 11.90s/it]train action loss : 569.
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505 0354274511337 | train target loss:  
1605.924123287201  
506 train action acc : 0.4802937883844778  
| train target acc: 0.  
06392617625210559  
507 train action loss : 568.698974609375  
| train target loss: 1605.  
6990127563477  
508 train action acc : 0.4802937883844778  
| train target acc: 0.  
06395756390001987  
509 20%|██████ | 201/1000 [44:30<3:16:  
13, 14.73s/it]val action loss : 2260.  
8355643749237 | val target loss: 6396.  
268898963928  
510 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
06529414389701617  
511 20%|██████ | 202/1000 [44:41<3:01:  
05, 13.62s/it]train action loss : 568.  
3103983402252 | train target loss:  
1605.4743313789368  
512 train action acc : 0.4802937883844778  
| train target acc: 0.  
0640098766465437  
513 train action loss : 568.0692691802979  
| train target loss: 1605.  
2481842041016  
514 train action acc : 0.4802937883844778  
| train target acc: 0.  
06398895154793417
```

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515 20%|██████ | 204/1000 [45:03<2:42:  
39, 12.26s/it]train action loss : 567.  
5894075632095 | train target loss:  
1605.0146260261536  
516 train action acc : 0.4802937883844778  
| train target acc: 0.  
06399941409723893  
517 train action loss : 567.3526796102524  
| train target loss: 1604.  
8047246932983  
518 train action acc : 0.4802937883844778  
| train target acc: 0.  
06411450213959133  
519 20%|██████ | 205/1000 [45:14<2:37:  
14, 11.87s/it]train action loss : 566.  
9925478696823 | train target loss:  
1604.4994678497314  
520 train action acc : 0.4802937883844778  
| train target acc: 0.  
06427144037916278  
521 val action loss : 2254.1425864696503  
| val target loss: 6391.736267089844  
522 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
06554876848325121  
523 21%|██████ | 207/1000 [45:46<3:00:  
09, 13.63s/it]train action loss : 566.  
6381826400757 | train target loss:  
1604.3037395477295  
524 train action acc : 0.4802937883844778  
| train target acc: 0.
```

524 06444930371734377  
525 21%|██████ | 208/1000 [45:57<2:49:  
11, 12.82s/it]train action loss : 566.  
4094105958939 | train target loss:  
1604.069673538208  
526 train action acc : 0.4802937883844778  
| train target acc: 0.  
06450161646386758  
527 train action loss : 566.00135242939 |  
train target loss: 1603.812469959259  
528 train action acc : 0.4802937883844778  
| train target acc: 0.  
06432375312568661  
529 21%|██████ | 210/1000 [46:19<2:36:  
26, 11.88s/it]train action loss : 565.  
6952177286148 | train target loss:  
1603.5713458061218  
530 train action acc : 0.4802937883844778  
| train target acc: 0.  
06428190292846755  
531 train action loss : 565.4492239952087  
| train target loss: 1603.  
3488063812256  
532 train action acc : 0.4802937883844778  
| train target acc: 0.  
0642086650833342  
533 21%|██████ | 211/1000 [46:41<3:13:  
26, 14.71s/it]val action loss : 2247.  
9793919324875 | val target loss: 6387.  
181041240692  
534 val action acc : 0.48014321976726787

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534 | val target losaccs: 0.  
06516814410176583  
535 train action loss : 565.1792340278625  
| train target loss: 1603.  
132960319519  
536 train action acc : 0.4802937883844778  
| train target acc: 0.  
06421912763263897  
537 21%|██████ | 213/1000 [47:03<2:48:  
20, 12.83s/it]train action loss : 564.  
7877142429352 | train target loss:  
1602.9425139427185  
538 train action acc : 0.4802937883844778  
| train target acc: 0.  
06431329057638184  
539 train action loss : 564.4576309919357  
| train target loss: 1602.  
6729307174683  
540 train action acc : 0.4802937883844778  
| train target acc: 0.  
06456439175969617  
541 22%|██████ | 215/1000 [47:25<2:35:  
13, 11.86s/it]train action loss : 564.  
225839972496 | train target loss: 1602  
.469120979309  
542 train action acc : 0.4802937883844778  
| train target acc: 0.  
06437606587221043  
543 train action loss : 563.9219591617584  
| train target loss: 1602.  
1779890060425
```

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544 train action acc : 0.4802937883844778
| train target acc: 0.
06427144037916278
545 val action loss : 2242.0302666425705
| val target loss: 6382.63955116272
546 val action acc : 0.48014321976726787
| val target losaccs: 0.
0653335188330319
547 22%|██████ | 217/1000 [47:57<2:56:
49, 13.55s/it]train action loss : 563.
6332187652588 | train target loss:
1602.0065188407898
548 train action acc : 0.4802937883844778
| train target acc: 0.
06429236547777231
549 22%|██████ | 218/1000 [48:08<2:46:
13, 12.75s/it]train action loss : 563.
3269621133804 | train target loss:
1601.7752385139465
550 train action acc : 0.4802937883844778
| train target acc: 0.
06437606587221043
551 train action loss : 563.0555499792099
| train target loss: 1601.
5249404907227
552 train action acc : 0.4802937883844778
| train target acc: 0.
06432375312568661
553 22%|██████ | 220/1000 [48:30<2:34:
09, 11.86s/it]train action loss : 562.
8179117441177 | train target loss:
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553 1601.2832474708557
554 train action acc : 0.4802937883844778
    | train target acc: 0.
    06451207901317235
555 train action loss : 562.5492244958878
    | train target loss: 1601.
    059398651123
556 train action acc : 0.4802937883844778
    | train target acc: 0.
    06493058098536289
557 val action loss : 2236.324094772339 |
    val target loss: 6378.133801460266
558 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    06502114434064045
559 22%|██████ | 222/1000 [49:02<2:55:
    07, 13.51s/it]train action loss : 562.
    1984876394272 | train target loss:
    1600.875409603119
560 train action acc : 0.4802937883844778
    | train target acc: 0.
    06578851002835351
561 train action loss : 561.8901904821396
    | train target loss: 1600.58424949646
562 train action acc : 0.4802937883844778
    | train target acc: 0.
    06625932474706787
563 22%|██████ | 224/1000 [49:23<2:37:
    54, 12.21s/it]train action loss : 561.
    6339654922485 | train target loss:
    1600.3789463043213
```

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564 train action acc : 0.4802937883844778
| train target acc: 0.
06769269400182049
565 22%|██████ | 225/1000 [49:34<2:32:
45, 11.83s/it]train action loss : 561.
3438971042633 | train target loss:
1600.164834022522
566 train action acc : 0.4802937883844778
| train target acc: 0.
07163707508971635
567 train action loss : 561.2062463760376
| train target loss: 1599.
9146523475647
568 train action acc : 0.4802937883844778
| train target acc: 0.
08062440494250829
569 23%|██████ | 226/1000 [49:56<3:08:
36, 14.62s/it]val action loss : 2231.
0258383750916 | val target loss: 6373.
590570449829
570 val action acc : 0.48014321976726787
| val target losaccs: 0.
09267284940661971
571 23%|██████ | 227/1000 [50:07<2:54:
51, 13.57s/it]train action loss : 560.
8329385519028 | train target loss:
1599.6686325073242
572 train action acc : 0.4802937883844778
| train target acc: 0.
09578463888511074
573 23%|██████ | 228/1000 [50:18<2:44:
```

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573 39, 12.80s/it]train action loss : 560.  
5940685272217 | train target loss:  
1599.4453649520874  
574 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
575 train action loss : 560.3050863742828  
| train target loss: 1599.  
211139678955  
576 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
577 23%|██████ | 230/1000 [50:39<2:31:  
42, 11.82s/it]train action loss : 560.  
0856142044067 | train target loss:  
1599.062008857727  
578 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
579 train action loss : 559.8881787061691  
| train target loss: 1598.  
7596793174744  
580 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
581 val action loss : 2225.7596735954285  
| val target loss: 6369.2843542099  
582 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09264659944927589  
583 23%|██████ | 232/1000 [51:12<2:53:
```

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583 43, 13.57s/it]train action loss : 559.  
6279678344727 | train target loss:  
1598.5689344406128  
584 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
585 train action loss : 559.3025209903717  
| train target loss: 1598.  
372386932373  
586 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
587 23%|██████ | 234/1000 [51:34<2:36:  
14, 12.24s/it]train action loss : 559.  
0624178647995 | train target loss:  
1598.175404548645  
588 train action acc : 0.4802937883844778  
| train target acc: 0.  
09579510143441551  
589 train action loss : 558.8600416183472  
| train target loss: 1597.  
8551845550537  
590 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
591 24%|██████ | 235/1000 [51:45<2:31:  
14, 11.86s/it]train action loss : 558.  
6568434238434 | train target loss:  
1597.6392946243286  
592 train action acc : 0.4802937883844778  
| train target acc: 0.
```

```
592 09578463888511074
593 val action loss : 2220.782431960106 |
    val target loss: 6364.791355133057
594 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09264134945780714
595 24%|██████ | 237/1000 [52:17<2:52:
17, 13.55s/it]train action loss : 558.
3610708713531 | train target loss:
1597.4110679626465
596 train action acc : 0.4802937883844778
    | train target acc: 0.
    09577417633580598
597 train action loss : 558.1420255899429
    | train target loss: 1597.
    1762619018555
598 train action acc : 0.4802937883844778
    | train target acc: 0.
    09578463888511074
599 24%|██████ | 239/1000 [52:39<2:35:
10, 12.23s/it]train action loss : 557.
9237695932388 | train target loss:
1596.9601860046387
600 train action acc : 0.4802937883844778
    | train target acc: 0.
    09578463888511074
601 train action loss : 557.6556284427643
    | train target loss: 1596.
    7818713188171
602 train action acc : 0.4802937883844778
    | train target acc: 0.
```

602 09577417633580598  
603 24%|██████ | 240/1000 [52:50<2:30:  
19, 11.87s/it]train action loss : 557.  
4487855434418 | train target loss:  
1596.5204277038574  
604 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
605 val action loss : 2216.2116490602493  
| val target loss: 6360.445078372955  
606 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09265447443647903  
607 24%|██████ | 242/1000 [53:22<2:51:  
45, 13.60s/it]train action loss : 557.  
2069270610809 | train target loss:  
1596.3228831291199  
608 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
609 24%|██████ | 243/1000 [53:33<2:41:  
41, 12.82s/it]train action loss : 557.  
1033310890198 | train target loss:  
1596.129641532898  
610 train action acc : 0.4802937883844778  
| train target acc: 0.  
09578463888511074  
611 24%|██████ | 244/1000 [53:44<2:34:  
00, 12.22s/it]train action loss : 556.  
6838667392731 | train target loss:  
1595.8681936264038

```
612 train action acc : 0.4802937883844778
| train target acc: 0.
09577417633580598
613 24%|██████ | 245/1000 [53:55<2:29:
28, 11.88s/it]train action loss : 556.
5583165884018 | train target loss:
1595.715467453003
614 train action acc : 0.4802937883844778
| train target acc: 0.
09578463888511074
615 train action loss : 556.3798010349274
| train target loss: 1595.
4279999732971
616 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
617 val action loss : 2211.7361023426056
| val target loss: 6356.1713762283325
618 val action acc : 0.48014321976726787
| val target losaccs: 0.
09264659944927589
619 25%|██████ | 247/1000 [54:27<2:50:
22, 13.58s/it]train action loss : 556.
1122843027115 | train target loss:
1595.2397527694702
620 train action acc : 0.4802937883844778
| train target acc: 0.
09577417633580598
621 25%|██████ | 248/1000 [54:38<2:40:
19, 12.79s/it]train action loss : 555.
9042655229568 | train target loss:
```

```
621 1594.9804420471191
622 train action acc : 0.4802937883844778
    | train target acc: 0.
09577417633580598
623 25%|██████ | 249/1000 [54:49<2:33:
20, 12.25s/it]train action loss : 555.
6972724199295 | train target loss:
1594.7155499458313
624 train action acc : 0.4802937883844778
    | train target acc: 0.
09577417633580598
625 train action loss : 555.4782291650772
    | train target loss: 1594.
5660877227783
626 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
627 25%|██████ | 250/1000 [55:00<2:27:
58, 11.84s/it]train action loss : 555.
2411779165268 | train target loss:
1594.3027844429016
628 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
629 val action loss : 2207.5920552015305
    | val target loss: 6351.781828403473
630 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
631 25%|██████ | 252/1000 [55:32<2:48:
06, 13.49s/it]train action loss : 555.
```

```
631 0256521701813 | train target loss:  
1594.10413980484  
632 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
633 train action loss : 554.8950045108795  
| train target loss: 1593.  
9436407089233  
634 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
635 25%|██████ | 254/1000 [55:54<2:32:  
39, 12.28s/it]train action loss : 554.  
6996922492981 | train target loss:  
1593.720651626587  
636 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
637 26%|██████ | 255/1000 [56:05<2:27:  
42, 11.90s/it]train action loss : 554.  
4819527864456 | train target loss:  
1593.5131349563599  
638 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
639 train action loss : 554.2901756763458  
| train target loss: 1593.  
2866916656494  
640 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

```
641 26%|██████ | 256/1000 [56:26<3:01:  
24, 14.63s/it]val action loss : 2203.  
3730449676514 | val target loss: 6347.  
395474910736  
642 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
643 26%|██████ | 257/1000 [56:37<2:47:  
42, 13.54s/it]train action loss : 554.  
1069647073746 | train target loss:  
1593.033923149109  
644 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
645 train action loss : 553.8814923763275  
| train target loss: 1592.  
8222918510437  
646 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
647 26%|██████ | 259/1000 [56:59<2:31:  
34, 12.27s/it]train action loss : 553.  
6562024354935 | train target loss:  
1592.589838027954  
648 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
649 train action loss : 553.445037484169  
| train target loss: 1592.  
395438194275  
650 train action acc : 0.4802937883844778
```

```
650 | train target acc: 0.  
09576371378650123  
651 26%|██████ | 260/1000 [57:10<2:26:  
44, 11.90s/it]train action loss : 553.  
306276679039 | train target loss: 1592  
.1609320640564  
652 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
653 26%|██████ | 261/1000 [57:31<3:01:  
01, 14.70s/it]val action loss : 2199.  
482118010521 | val target loss: 6343.  
195725917816  
654 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
655 26%|██████ | 262/1000 [57:42<2:46:  
52, 13.57s/it]train action loss : 553.  
1009683609009 | train target loss:  
1591.9746270179749  
656 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
657 26%|██████ | 263/1000 [57:53<2:37:  
02, 12.78s/it]train action loss : 552.  
8637691736221 | train target loss:  
1591.7564930915833  
658 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
659 26%|██████ | 264/1000 [58:04<2:29:
```

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659 56, 12.22s/it]train action loss : 552.  
6639429330826 | train target loss:  
1591.490957736969  
660 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
661 train action loss : 552.5154066085815  
| train target loss: 1591.  
3576335906982  
662 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
663 26%|██████ | 265/1000 [58:15<2:24:  
30, 11.80s/it]train action loss : 552.  
3431018590927 | train target loss:  
1591.0956101417542  
664 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
665 27%|██████ | 266/1000 [58:36<2:57:  
53, 14.54s/it]val action loss : 2195.  
7151675224304 | val target loss: 6338.  
965970993042  
666 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
667 train action loss : 552.1811454296112  
| train target loss: 1590.  
9119081497192  
668 train action acc : 0.4802937883844778  
| train target acc: 0.
```

668 09576371378650123  
669 27% | [■] | 268/1000 [58:58<2:35:  
19, 12.73s/it]train action loss : 552.  
0263456106186 | train target loss:  
1590.6721234321594  
670 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
671 27% | [■] | 269/1000 [59:09<2:28:  
27, 12.19s/it]train action loss : 551.  
8212553262711 | train target loss:  
1590.442376613617  
672 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
673 train action loss : 551.6156024932861  
| train target loss: 1590.  
2734904289246  
674 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
675 27% | [■] | 270/1000 [59:20<2:24:  
04, 11.84s/it]train action loss : 551.  
4629641771317 | train target loss:  
1589.9888844490051  
676 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
677 27% | [■] | 271/1000 [59:41<2:57:  
46, 14.63s/it]val action loss : 2192.  
409671664238 | val target loss: 6334.

```
677 757998466492
678 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
679 train action loss : 551.2515680789948
    | train target loss: 1589.
    768810749054
680 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
681 27%|███████| 273/1000 [1:00:04<2:
36:36, 12.93s/it]train action loss :
551.0468058586121 | train target loss
: 1589.604016304016
682 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
683 train action loss : 550.9364161491394
    | train target loss: 1589.
    3768796920776
684 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
685 28%|███████| 275/1000 [1:00:26<2:
23:55, 11.91s/it]train action loss :
550.8481022119522 | train target loss
: 1589.199872493744
686 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
687 train action loss : 550.5813317298889
```

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687 | train target loss: 1588.  
9774675369263  
688 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
689 val action loss : 2188.72908782959 |  
val target loss: 6330.567382335663  
690 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
691 28%|██████| 277/1000 [1:00:58<2:  
43:20, 13.56s/it]train action loss :  
550.4360790252686 | train target loss  
: 1588.7715673446655  
692 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
693 train action loss : 550.2653099298477  
| train target loss: 1588.  
5467472076416  
694 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
695 28%|██████| 279/1000 [1:01:20<2:  
29:38, 12.45s/it]train action loss :  
550.1946884393692 | train target loss  
: 1588.3526186943054  
696 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
697 train action loss : 549.9029644727707
```

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697 | train target loss: 1588.  
095643043518  
698 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
699 28%|██████| 280/1000 [1:01:31<2:  
24:22, 12.03s/it]train action loss :  
549.7863035202026 | train target loss  
: 1587.8875646591187  
700 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
701 val action loss : 2185.5280182361603  
| val target loss: 6326.3744015693665  
702 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
703 28%|██████| 282/1000 [1:02:03<2:  
42:38, 13.59s/it]train action loss :  
549.5604150295258 | train target loss  
: 1587.6824460029602  
704 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
705 train action loss : 549.4379395246506  
| train target loss: 1587.41037940979  
706 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
707 28%|██████| 284/1000 [1:02:25<2:  
25:34, 12.20s/it]train action loss :
```

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707 549.3012565374374 | train target loss
: 1587.2915630340576
708 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
709 28%|██████ | 285/1000 [1:02:36<2:
21:02, 11.84s/it]train action loss :
549.0989079475403 | train target loss
: 1587.0921711921692
710 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
711 train action loss : 548.9753237962723
| train target loss: 1586.
840539932251
712 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
713 val action loss : 2182.0518686771393
| val target loss: 6322.413447380066
714 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
715 29%|██████ | 287/1000 [1:03:08<2:
40:49, 13.53s/it]train action loss :
548.7837977409363 | train target loss
: 1586.6160864830017
716 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
717 29%|██████ | 288/1000 [1:03:19<2:
```

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717 31:25, 12.76s/it]train action loss :  
548.6092708110809 | train target loss  
: 1586.4069180488586  
718 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
719 train action loss : 548.480718255043  
| train target loss: 1586.  
2730197906494  
720 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
721 29%|███████ | 290/1000 [1:03:41<2:  
20:00, 11.83s/it]train action loss :  
548.3066402673721 | train target loss  
: 1585.995346069336  
722 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
723 train action loss : 548.2771334648132  
| train target loss: 1585.  
7999544143677  
724 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
725 val action loss : 2179.199593424797 |  
val target loss: 6318.467903614044  
726 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
727 29%|███████ | 292/1000 [1:04:13<2:
```

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727 39:09, 13.49s/it]train action loss :  
548.1099549531937 | train target loss  
: 1585.6281123161316  
728 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
729 29%|███████ | 293/1000 [1:04:24<2:  
29:54, 12.72s/it]train action loss :  
547.8602252006531 | train target loss  
: 1585.369062423706  
730 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
731 29%|███████ | 294/1000 [1:04:35<2:  
23:27, 12.19s/it]train action loss :  
547.7158976793289 | train target loss  
: 1585.1439580917358  
732 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
733 train action loss : 547.5672051906586  
| train target loss: 1584.  
9652028083801  
734 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
735 30%|███████ | 295/1000 [1:04:46<2:  
18:36, 11.80s/it]train action loss :  
547.4689027070999 | train target loss  
: 1584.7904453277588  
736 train action acc : 0.4802937883844778
```

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736 | train target acc: 0.  
09576371378650123  
737 val action loss : 2176.148914217949 |  
val target loss: 6314.251090049744  
738 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
739 30%|██████ | 297/1000 [1:05:18<2:  
38:06, 13.49s/it]train action loss :  
547.3483427762985 | train target loss  
: 1584.505741596222  
740 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
741 30%|██████ | 298/1000 [1:05:29<2:  
28:36, 12.70s/it]train action loss :  
547.188076376915 | train target loss:  
1584.3872208595276  
742 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
743 train action loss : 547.0624573230743  
| train target loss: 1584.  
146068096161  
744 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
745 30%|██████ | 300/1000 [1:05:51<2:  
17:52, 11.82s/it]train action loss :  
546.8899443149567 | train target loss  
: 1583.942518234253
```

```
746 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
747 train action loss : 546.7299028635025
| train target loss: 1583.
7645754814148
748 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
749 val action loss : 2173.554026722908 |
val target loss: 6310.305574893951
750 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
751 30%|██████ | 302/1000 [1:06:23<2:
37:01, 13.50s/it]train action loss :
546.576241850853 | train target loss:
1583.5629544258118
752 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
753 30%|██████ | 303/1000 [1:06:33<2:
27:35, 12.71s/it]train action loss :
546.4386377334595 | train target loss
: 1583.3620824813843
754 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
755 30%|██████ | 304/1000 [1:06:44<2:
21:09, 12.17s/it]train action loss :
546.3340176343918 | train target loss
```

```
755 : 1583.0668287277222
756 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
757 train action loss : 546.2086251974106
    | train target loss: 1582.
    9665818214417
758 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
759 30%|██████| 305/1000 [1:06:55<2:
16:25, 11.78s/it]train action loss :
546.0858561992645 | train target loss
: 1582.7276277542114
760 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
761 val action loss : 2170.8594542741776
    | val target loss: 6306.228967189789
762 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
763 31%|██████| 307/1000 [1:07:27<2:
36:08, 13.52s/it]train action loss :
545.9089276790619 | train target loss
: 1582.5303311347961
764 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
765 train action loss : 545.8438069820404
    | train target loss: 1582.
```

```
765 345374584198
766 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
767 31%|██████| 309/1000 [1:07:49<2:
20:41, 12.22s/it]train action loss :
545.7431554794312 | train target loss
: 1582.0946941375732
768 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
769 31%|██████| 310/1000 [1:08:00<2:
16:06, 11.84s/it]train action loss :
545.5554687976837 | train target loss
: 1581.9006552696228
770 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
771 train action loss : 545.4431250095367
    | train target loss: 1581.
7465782165527
772 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
773 31%|██████| 311/1000 [1:08:21<2:
47:54, 14.62s/it]val action loss :
2168.035973548889 | val target loss:
6302.134195327759
774 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
```

775 31% | [ ] 312/1000 [1:08:32<2:  
35:11, 13.53s/it]train action loss :  
545.2851548194885 | train target loss  
: 1581.4770951271057

776 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

777 train action loss : 545.1406360864639  
| train target loss: 1581.  
2653737068176

778 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

779 31% | [ ] 314/1000 [1:08:54<2:  
19:30, 12.20s/it]train action loss :  
545.0140696763992 | train target loss  
: 1581.1387867927551

780 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

781 train action loss : 544.9822607040405  
| train target loss: 1580.  
9193563461304

782 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

783 32% | [ ] 315/1000 [1:09:05<2:  
15:11, 11.84s/it]train action loss :  
544.8366131782532 | train target loss  
: 1580.7632174491882

784 train action acc : 0.4802937883844778

```
784 | train target acc: 0.  
09576371378650123  
785 val action loss : 2165.612581729889 |  
val target loss: 6298.357012271881  
786 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
787 32%|███████ | 317/1000 [1:09:37<2:  
33:30, 13.49s/it]train action loss :  
544.6887495517731 | train target loss  
: 1580.5297927856445  
788 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
789 32%|███████ | 318/1000 [1:09:48<2:  
24:22, 12.70s/it]train action loss :  
544.5010930299759 | train target loss  
: 1580.3221740722656  
790 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
791 train action loss : 544.462248445572  
| train target loss: 1580.  
1448912620544  
792 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
793 32%|███████ | 320/1000 [1:10:10<2:  
13:21, 11.77s/it]train action loss :  
544.3779668807983 | train target loss  
: 1579.9481863975525
```

```
794 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
795 train action loss : 544.1187286376953
    | train target loss: 1579.
    753396987915
796 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
797 32%|██████| 321/1000 [1:10:31<2:
    44:28, 14.53s/it]val action loss :
    2163.041314482689 | val target loss:
    6294.409358501434
798 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
799 train action loss : 544.0548260211945
    | train target loss: 1579.
    5480380058289
800 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
801 32%|██████| 323/1000 [1:10:53<2:
    23:10, 12.69s/it]train action loss :
    543.9729859828949 | train target loss
    : 1579.305700302124
802 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
803 train action loss : 543.8777117729187
    | train target loss: 1579.
```

```
803 137436389923
804 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
805 32%|██████ | 325/1000 [1:11:14<2:
12:28, 11.78s/it]train action loss :
543.6982218027115 | train target loss
: 1578.9329404830933
806 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
807 train action loss : 543.6064586639404
| train target loss: 1578.
723467350006
808 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
809 val action loss : 2160.6243094205856
| val target loss: 6290.624299526215
810 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
811 33%|██████ | 327/1000 [1:11:47<2:
31:35, 13.51s/it]train action loss :
543.4486310482025 | train target loss
: 1578.5190753936768
812 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
813 train action loss : 543.3479125499725
| train target loss: 1578.
```

```
813 3765091896057
814 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
815 33%|██████| 329/1000 [1:12:08<2:
16:03, 12.17s/it]train action loss :
543.1498023271561 | train target loss
: 1578.141845703125
816 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
817 train action loss : 543.1427206993103
    | train target loss: 1577.
9801993370056
818 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
819 33%|██████| 330/1000 [1:12:19<2:
11:22, 11.77s/it]train action loss :
543.1101944446564 | train target loss
: 1577.7657384872437
820 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
821 val action loss : 2158.479447364807 |
    val target loss: 6286.62837934494
822 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
823 33%|██████| 332/1000 [1:12:51<2:
29:29, 13.43s/it]train action loss :
```

```
823 542.9175804853439 | train target loss
: 1577.5620918273926
824 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
825 33%|██████| 333/1000 [1:13:02<2:
20:52, 12.67s/it]train action loss :
542.7540482282639 | train target loss
: 1577.3842849731445
826 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
827 train action loss : 542.7279515266418
| train target loss: 1577.
226104259491
828 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
829 34%|██████| 335/1000 [1:13:24<2:
10:38, 11.79s/it]train action loss :
542.6504547595978 | train target loss
: 1576.9719109535217
830 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
831 train action loss : 542.5070344209671
| train target loss: 1576.
7998661994934
832 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
```

```
833 val action loss : 2156.37426507473 |  
    val target loss: 6282.967074871063  
834 val action acc : 0.48014321976726787  
    | val target losaccs: 0.  
09263609946633837  
835 34%|██████| 337/1000 [1:13:56<2:  
28:44, 13.46s/it]train action loss :  
542.3928899765015 | train target loss  
: 1576.523612499237  
836 train action acc : 0.4802937883844778  
    | train target acc: 0.  
09576371378650123  
837 34%|██████| 338/1000 [1:14:06<2:  
19:58, 12.69s/it]train action loss :  
542.2194035053253 | train target loss  
: 1576.3680438995361  
838 train action acc : 0.4802937883844778  
    | train target acc: 0.  
09576371378650123  
839 34%|██████| 339/1000 [1:14:17<2:  
13:59, 12.16s/it]train action loss :  
542.0970159769058 | train target loss  
: 1576.1231722831726  
840 train action acc : 0.4802937883844778  
    | train target acc: 0.  
09576371378650123  
841 34%|██████| 340/1000 [1:14:28<2:  
09:50, 11.80s/it]train action loss :  
542.0654091835022 | train target loss  
: 1576.030620098114  
842 train action acc : 0.4802937883844778
```

```
842 | train target acc: 0.  
09576371378650123  
843 train action loss : 541.9350045919418  
| train target loss: 1575.  
8127698898315  
844 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
845 34%|██████ | 341/1000 [1:14:49<2:  
39:30, 14.52s/it]val action loss :  
2154.191212773323 | val target loss:  
6279.130948543549  
846 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
847 34%|██████ | 342/1000 [1:15:00<2:  
27:11, 13.42s/it]train action loss :  
541.9521261453629 | train target loss  
: 1575.7049369812012  
848 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
849 34%|██████ | 343/1000 [1:15:11<2:  
18:41, 12.67s/it]train action loss :  
541.7483395338058 | train target loss  
: 1575.4352140426636  
850 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
851 34%|██████ | 344/1000 [1:15:22<2:  
12:27, 12.12s/it]train action loss :
```

```
851 541.6648733615875 | train target loss  
: 1575.2937474250793  
852 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
853 train action loss : 541.5024387836456  
| train target loss: 1575.  
039357662201  
854 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
855 34%|██████ | 345/1000 [1:15:33<2:  
08:18, 11.75s/it]train action loss :  
541.4695783853531 | train target loss  
: 1574.8203387260437  
856 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
857 val action loss : 2152.220425963402 |  
val target loss: 6275.301979064941  
858 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
859 35%|██████ | 347/1000 [1:16:05<2:  
27:25, 13.55s/it]train action loss :  
541.252364397049 | train target loss:  
1574.663140296936  
860 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
861 35%|██████ | 348/1000 [1:16:16<2:
```

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861 18:49, 12.77s/it]train action loss :  
    541.2241252660751 | train target loss  
    : 1574.5232782363892  
862 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
863 train action loss : 541.2051463127136  
    | train target loss: 1574.  
    3288192749023  
864 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
865 35%|███████ | 350/1000 [1:16:38<2:  
    07:34, 11.78s/it]train action loss :  
    540.9657700061798 | train target loss  
    : 1574.0527777671814  
866 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
867 train action loss : 541.0056847333908  
    | train target loss: 1573.  
    965850353241  
868 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
869 val action loss : 2150.1005313396454  
    | val target loss: 6271.611704349518  
870 val action acc : 0.48014321976726787  
    | val target losaccs: 0.  
    09263609946633837  
871 35%|███████ | 352/1000 [1:17:09<2:
```

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871 24:25, 13.37s/it]train action loss :  
    540.8255500793457 | train target loss  
    : 1573.668815612793  
872 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
873 train action loss : 540.7672694921494  
    | train target loss: 1573.49951505661  
874 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
875 35%|███████ | 354/1000 [1:17:31<2:  
    10:20, 12.11s/it]train action loss :  
    540.6650047302246 | train target loss  
    : 1573.3785328865051  
876 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
877 train action loss : 540.5016895532608  
    | train target loss: 1573.11891746521  
878 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
879 36%|███████ | 355/1000 [1:17:42<2:  
    06:05, 11.73s/it]train action loss :  
    540.5430824756622 | train target loss  
    : 1573.0196599960327  
880 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
881 val action loss : 2148.154543876648 |
```

```
881 val target loss: 6267.938024520874
882 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
883 36%|██████| 357/1000 [1:18:14<2:
24:11, 13.46s/it]train action loss :
540.349663734436 | train target loss:
1572.8048000335693
884 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
885 train action loss : 540.2227557897568
    | train target loss: 1572.
5927028656006
886 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
887 36%|██████| 359/1000 [1:18:36<2:
09:53, 12.16s/it]train action loss :
540.2136199474335 | train target loss
: 1572.388644695282
888 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
889 36%|██████| 360/1000 [1:18:47<2:
05:47, 11.79s/it]train action loss :
540.0822616815567 | train target loss
: 1572.187740802765
890 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
```

```
891 train action loss : 539.9698570966721
| train target loss: 1572.
0001425743103
892 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
893 36%|██████ | 361/1000 [1:19:08<2:
34:53, 14.54s/it]val action loss :
2146.0755306482315 | val target loss:
6264.104829311371
894 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
895 train action loss : 539.885126709938
| train target loss: 1571.
8825478553772
896 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
897 36%|██████ | 363/1000 [1:19:30<2:
14:45, 12.69s/it]train action loss :
539.7986750602722 | train target loss
: 1571.6416263580322
898 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
899 36%|██████ | 364/1000 [1:19:40<2:
08:46, 12.15s/it]train action loss :
539.7027558088303 | train target loss
: 1571.5139627456665
900 train action acc : 0.4802937883844778
```

```
900 | train target acc: 0.  
09576371378650123  
901 train action loss : 539.6619349718094  
| train target loss: 1571.  
2681312561035  
902 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
903 36%|██████ | 365/1000 [1:19:51<2:  
04:27, 11.76s/it]train action loss :  
539.5484366416931 | train target loss  
: 1571.106460571289  
904 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
905 val action loss : 2144.3916738033295  
| val target loss: 6260.4566197395325  
906 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
907 37%|██████ | 367/1000 [1:20:23<2:  
22:03, 13.47s/it]train action loss :  
539.462672829628 | train target loss:  
1570.8955278396606  
908 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
909 37%|██████ | 368/1000 [1:20:34<2:  
13:44, 12.70s/it]train action loss :  
539.4741085767746 | train target loss  
: 1570.7426290512085
```

```
910 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
911 37%|██████ | 369/1000 [1:20:45<2:
07:33, 12.13s/it]train action loss :
539.2828179597855 | train target loss
: 1570.512324333191
912 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
913 37%|██████ | 370/1000 [1:20:56<2:
03:41, 11.78s/it]train action loss :
539.1113665103912 | train target loss
: 1570.3761649131775
914 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
915 train action loss : 539.0308921337128
| train target loss: 1570.
1582832336426
916 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
917 val action loss : 2142.649758577347 |
val target loss: 6256.937466621399
918 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
919 37%|██████ | 372/1000 [1:21:28<2:
20:46, 13.45s/it]train action loss :
539.0076811313629 | train target loss
```

```
919 : 1570.0042266845703
920 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
921 train action loss : 538.9263838529587
    | train target loss: 1569.
    8518199920654
922 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
923 37%|██████| 374/1000 [1:21:50<2:
06:55, 12.17s/it]train action loss :
538.8069441318512 | train target loss
: 1569.6483449935913
924 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
925 train action loss : 538.7178931236267
    | train target loss: 1569.
    472415447235
926 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
927 38%|██████| 375/1000 [1:22:01<2:
02:42, 11.78s/it]train action loss :
538.6996034383774 | train target loss
: 1569.2521986961365
928 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
929 val action loss : 2140.9369180202484
```

```
929 | val target loss: 6253.5373368263245
930 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
931 38%|██████| 377/1000 [1:22:33<2:
20:38, 13.54s/it]train action loss :
538.6273996829987 | train target loss
: 1569.0668740272522
932 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
933 train action loss : 538.595990896225
    | train target loss: 1568.
    9295864105225
934 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
935 38%|██████| 379/1000 [1:22:55<2:
06:08, 12.19s/it]train action loss :
538.4481393098831 | train target loss
: 1568.7322726249695
936 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
937 38%|██████| 380/1000 [1:23:05<2:
02:02, 11.81s/it]train action loss :
538.368537902832 | train target loss:
1568.5524878501892
938 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
```

```
939 train action loss : 538.2306730747223
    | train target loss: 1568.
    3540053367615
940 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
941 38%|███████| 381/1000 [1:23:26<2:
30:15, 14.56s/it]val action loss :
2139.4246180057526 | val target loss:
6250.0095047950745
942 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
943 38%|███████| 382/1000 [1:23:37<2:
18:54, 13.49s/it]train action loss :
538.1368225812912 | train target loss
: 1568.146713733673
944 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
945 train action loss : 538.1462862491608
    | train target loss: 1568.
    009792804718
946 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
947 38%|███████| 384/1000 [1:23:59<2:
04:48, 12.16s/it]train action loss :
538.0691496133804 | train target loss
: 1567.8036074638367
948 train action acc : 0.4802937883844778
```

```
948 | train target acc: 0.  
09576371378650123  
949 38%|██████| 385/1000 [1:24:10<2:  
00:52, 11.79s/it]train action loss :  
537.9820255041122 | train target loss  
: 1567.6004767417908  
950 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
951 train action loss : 537.96733045578 |  
train target loss: 1567.4834613800049  
952 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
953 39%|██████| 386/1000 [1:24:31<2:  
28:57, 14.56s/it]val action loss :  
2137.770558476448 | val target loss:  
6246.357645988464  
954 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
955 train action loss : 537.7534856796265  
| train target loss: 1567.  
2786569595337  
956 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
957 39%|██████| 388/1000 [1:24:53<2:  
09:43, 12.72s/it]train action loss :  
537.7950029373169 | train target loss  
: 1567.1422357559204
```

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958 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
959 39%|██████ | 389/1000 [1:25:04<2:
03:58, 12.17s/it]train action loss :
537.5432410240173 | train target loss
: 1566.8865232467651
960 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
961 39%|██████ | 390/1000 [1:25:15<2:
00:13, 11.83s/it]train action loss :
537.5647792816162 | train target loss
: 1566.7546820640564
962 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
963 train action loss : 537.530912399292
| train target loss: 1566.
5540924072266
964 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
965 val action loss : 2136.0342215299606
| val target loss: 6242.717834711075
966 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
967 39%|██████ | 392/1000 [1:25:47<2:
17:00, 13.52s/it]train action loss :
537.381257891655 | train target loss:
```

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967 1566.4314465522766
968 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
969 39%|██████| 393/1000 [1:25:58<2:
08:57, 12.75s/it]train action loss :
537.2984414100647 | train target loss
: 1566.1405544281006
970 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
971 train action loss : 537.2900234460831
    | train target loss: 1566.
0862455368042
972 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
973 40%|██████| 395/1000 [1:26:20<1:
59:08, 11.82s/it]train action loss :
537.1687819957733 | train target loss
: 1565.8677082061768
974 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
975 train action loss : 537.163695693016
    | train target loss: 1565.
6802597045898
976 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
977 val action loss : 2134.6725890636444
```

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977 | val target loss: 6239.494647979736
978 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
979 40%|███████| 397/1000 [1:26:52<2:
15:41, 13.50s/it]train action loss :
536.9981390237808 | train target loss
: 1565.4453539848328
980 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
981 train action loss : 536.9232610464096
    | train target loss: 1565.
266797542572
982 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
983 40%|███████| 399/1000 [1:27:14<2:
01:54, 12.17s/it]train action loss :
536.9566956758499 | train target loss
: 1565.1401410102844
984 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
985 40%|███████| 400/1000 [1:27:26<2:
01:49, 12.18s/it]train action loss :
536.8822895288467 | train target loss
: 1564.976044178009
986 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
```

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987 train action loss : 536.7327283620834
| train target loss: 1564.
8010067939758
988 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
989 val action loss : 2133.190750837326
| val target loss: 6236.08477973938
990 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
991 40%|██████████| 402/1000 [1:27:59<2:
18:11, 13.86s/it]train action loss :
536.672199010849 | train target loss
: 1564.5958795547485
992 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
993 40%|██████████| 403/1000 [1:28:10<2:
10:11, 13.08s/it]train action loss :
536.6757953166962 | train target loss
: 1564.4286432266235
994 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
995 train action loss : 536.5270669460297
| train target loss: 1564.
2914338111877
996 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
```

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997 40%|██████| 405/1000 [1:28:32<2:  
00:45, 12.18s/it]train action loss :  
536.4882107973099 | train target loss  
: 1564.1545538902283  
998 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
999 train action loss : 536.3486602306366  
| train target loss: 1563.  
9250946044922  
1000 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1001 41%|██████| 406/1000 [1:28:54<2:  
27:54, 14.94s/it]val action loss :  
2131.716778278351 | val target loss:  
6232.611678123474  
1002 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1003 train action loss : 536.3765283823013  
| train target loss: 1563.  
7782316207886  
1004 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1005 41%|██████| 408/1000 [1:29:16<2:  
08:58, 13.07s/it]train action loss :  
536.3718390464783 | train target loss  
: 1563.5479102134705  
1006 train action acc : 0.4802937883844778
```

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1006 | train target acc: 0.  
09576371378650123  
1007 train action loss : 536.2450940608978  
| train target loss: 1563.  
43736743927  
1008 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1009 41%|██████ | 410/1000 [1:29:39<1:  
58:56, 12.10s/it]train action loss :  
536.1936566829681 | train target loss  
: 1563.2068543434143  
1010 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1011 train action loss : 536.0684119462967  
| train target loss: 1563.  
0345058441162  
1012 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1013 41%|██████ | 411/1000 [1:30:00<2:  
26:02, 14.88s/it]val action loss :  
2130.27166557312 | val target loss:  
6229.331726551056  
1014 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1015 41%|██████ | 412/1000 [1:30:11<2:  
14:24, 13.71s/it]train action loss :  
535.9742473363876 | train target loss
```

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1015 : 1562.888910293579
1016 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1017 train action loss : 535.910847902298
| train target loss: 1562.
6560316085815
1018 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1019 41%|██████ | 414/1000 [1:30:33<2:
00:54, 12.38s/it]train action loss :
535.8978477716446 | train target loss
: 1562.5572500228882
1020 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1021 train action loss : 535.8671064376831
| train target loss: 1562.
304202079773
1022 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1023 42%|██████ | 415/1000 [1:30:44<1:
57:06, 12.01s/it]train action loss :
535.748680472374 | train target loss
: 1562.1876516342163
1024 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1025 val action loss : 2128.9203310012817
```

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1025 | val target loss: 6225.888629436493
1026 val action acc : 0.48014321976726787
      | val target losaccs: 0.
      09263609946633837
1027 42%| [REDACTED] | 417/1000 [1:31:17<2:
      12:58, 13.69s/it]train action loss :
      535.5648485422134 | train target loss
      : 1562.0009541511536
1028 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
1029 train action loss : 535.6628702878952
      | train target loss: 1561.
      877390384674
1030 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
1031 42%| [REDACTED] | 419/1000 [1:31:39<1:
      59:20, 12.32s/it]train action loss :
      535.4999461174011 | train target loss
      : 1561.6888899803162
1032 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
1033 42%| [REDACTED] | 420/1000 [1:31:50<1:
      55:51, 11.99s/it]train action loss :
      535.3979027271271 | train target loss
      : 1561.5044722557068
1034 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
```

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1035 train action loss : 535.4453493356705
| train target loss: 1561.
3710465431213
1036 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1037 42%|██████ | 421/1000 [1:32:12<2:
23:14, 14.84s/it]val action loss :
2127.888382077217 | val target loss:
6222.416256427765
1038 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1039 42%|██████ | 422/1000 [1:32:23<2:
13:26, 13.85s/it]train action loss :
535.3611614704132 | train target loss
: 1561.1057043075562
1040 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1041 train action loss : 535.366762638092
| train target loss: 1561.
0388655662537
1042 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1043 42%|██████ | 424/1000 [1:32:45<1:
59:09, 12.41s/it]train action loss :
535.0881550312042 | train target loss
: 1560.8373594284058
1044 train action acc : 0.4802937883844778
```

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1044 | train target acc: 0.  
09576371378650123  
1045 train action loss : 535.1678142547607  
| train target loss: 1560.  
6713137626648  
1046 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1047 42%|██████ | 425/1000 [1:32:56<1:  
54:51, 11.99s/it]train action loss :  
535.1088418960571 | train target loss  
: 1560.5788655281067  
1048 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1049 val action loss : 2126.492786049843  
| val target loss: 6219.243353366852  
1050 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1051 43%|██████ | 427/1000 [1:33:29<2:  
10:38, 13.68s/it]train action loss :  
534.9953873157501 | train target loss  
: 1560.339964389801  
1052 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1053 43%|██████ | 428/1000 [1:33:40<2:  
03:07, 12.91s/it]train action loss :  
535.0113934278488 | train target loss  
: 1560.1525340080261
```

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1054 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1055 train action loss : 534.8452455997467
| train target loss: 1560.
0501198768616
1056 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1057 43%|██████| 430/1000 [1:34:02<1:
53:40, 11.97s/it]train action loss :
534.9085108041763 | train target loss
: 1559.8373789787292
1058 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1059 train action loss : 534.8484268188477
| train target loss: 1559.
6991753578186
1060 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1061 43%|██████| 431/1000 [1:34:23<2:
20:17, 14.79s/it]val action loss :
2125.4057331085205 | val target loss
: 6215.814005851746
1062 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1063 train action loss : 534.7192080020905
| train target loss: 1559.
```

1063 5105242729187  
1064 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1065 43%| [REDACTED] | 433/1000 [1:34:46<2:  
02:12, 12.93s/it]train action loss :  
534.6868914365768 | train target loss  
: 1559.3683724403381  
1066 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1067 43%| [REDACTED] | 434/1000 [1:34:57<1:  
56:54, 12.39s/it]train action loss :  
534.6892520189285 | train target loss  
: 1559.1202144622803  
1068 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1069 44%| [REDACTED] | 435/1000 [1:35:08<1:  
53:15, 12.03s/it]train action loss :  
534.4953892230988 | train target loss  
: 1559.0676341056824  
1070 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1071 train action loss : 534.5455338954926  
| train target loss: 1558.  
8072533607483  
1072 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1073 44% | [REDACTED] | 436/1000 [1:35:29<2:  
18:37, 14.75s/it]val action loss :  
2124.3990144729614 | val target loss  
: 6212.726495265961

1074 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1075 44% | [REDACTED] | 437/1000 [1:35:40<2:  
08:17, 13.67s/it]train action loss :  
534.3816542625427 | train target loss  
: 1558.6686835289001

1076 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1077 44% | [REDACTED] | 438/1000 [1:35:51<2:  
01:09, 12.93s/it]train action loss :  
534.3698782920837 | train target loss  
: 1558.5146746635437

1078 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1079 44% | [REDACTED] | 439/1000 [1:36:02<1:  
55:55, 12.40s/it]train action loss :  
534.3380488157272 | train target loss  
: 1558.3418822288513

1080 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1081 44% | [REDACTED] | 440/1000 [1:36:13<1:  
51:51, 11.98s/it]train action loss :  
534.3512569665909 | train target loss

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1081 : 1558.1658420562744
1082 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1083 train action loss : 534.2401469945908
| train target loss: 1558.
042085647583
1084 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1085 44%|██████████| 441/1000 [1:36:35<2:
18:04, 14.82s/it]val action loss :
2123.212790608406 | val target loss:
6209.372500896454
1086 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1087 train action loss : 534.1620335578918
| train target loss: 1557.
9201517105103
1088 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1089 44%|██████████| 443/1000 [1:36:58<2:
01:42, 13.11s/it]train action loss :
534.2101366519928 | train target loss
: 1557.714566230774
1090 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1091 44%|██████████| 444/1000 [1:37:09<1:
```

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1091 55:58, 12.51s/it]train action loss :  
    534.0678545236588 | train target loss  
    : 1557.49161195755  
1092 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
1093 44%|███████| 445/1000 [1:37:20<1:  
    51:37, 12.07s/it]train action loss :  
    533.9663441181183 | train target loss  
    : 1557.3590483665466  
1094 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
1095 train action loss : 533.9519044160843  
    | train target loss: 1557.  
    1795229911804  
1096 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
1097 val action loss : 2122.0001171827316  
    | val target loss: 6206.199907302856  
1098 val action acc : 0.48014321976726787  
    | val target losaccs: 0.  
    09263609946633837  
1099 45%|███████| 447/1000 [1:37:53<2:  
    06:29, 13.72s/it]train action loss :  
    533.8937139511108 | train target loss  
    : 1557.0500092506409  
1100 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123
```

1101 45%|██████ | 448/1000 [1:38:04<1:  
59:07, 12.95s/it]train action loss :  
533.8319810628891 | train target loss  
: 1556.8417410850525

1102 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1103 train action loss : 533.6889375448227  
| train target loss: 1556.  
7058181762695

1104 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1105 45%|██████ | 450/1000 [1:38:26<1:  
50:00, 12.00s/it]train action loss :  
533.7197775840759 | train target loss  
: 1556.578356742859

1106 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1107 train action loss : 533.6472858190536  
| train target loss: 1556.  
413634777069

1108 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1109 45%|██████ | 451/1000 [1:38:47<2:  
15:45, 14.84s/it]val action loss :  
2120.694255232811 | val target loss:  
6202.971618175507

1110 val action acc : 0.48014321976726787

```
1110 | val target losaccs: 0.  
09263609946633837  
1111 train action loss : 533.6053733825684  
| train target loss: 1556.  
2484502792358  
1112 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1113 45%|██████ | 453/1000 [1:39:09<1:  
57:40, 12.91s/it]train action loss :  
533.6260703802109 | train target loss  
: 1556.0928654670715  
1114 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1115 train action loss : 533.4079098701477  
| train target loss: 1555.  
858238697052  
1116 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1117 46%|██████ | 455/1000 [1:39:32<1:  
49:24, 12.05s/it]train action loss :  
533.366051197052 | train target loss  
: 1555.7477865219116  
1118 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1119 train action loss : 533.4082198143005  
| train target loss: 1555.  
6202359199524
```

```
1120 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1121 val action loss : 2119.559466481209
| val target loss: 6199.809904575348
1122 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1123 46%|██████ | 457/1000 [1:40:05<2:
04:52, 13.80s/it]train action loss :
533.4252514839172 | train target loss
: 1555.4571633338928
1124 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1125 46%|██████ | 458/1000 [1:40:16<1:
57:27, 13.00s/it]train action loss :
533.1915091276169 | train target loss
: 1555.2236456871033
1126 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1127 train action loss : 533.2040798664093
| train target loss: 1555.
1453604698181
1128 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1129 46%|██████ | 460/1000 [1:40:38<1:
48:27, 12.05s/it]train action loss :
533.216191649437 | train target loss
```

```
1129 : 1554.9530515670776
1130 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1131 train action loss : 533.2305901050568
    | train target loss: 1554.
    7761645317078
1132 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1133 val action loss : 2118.869683265686
    | val target loss: 6196.846833229065
1134 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
1135 46%|███████| 462/1000 [1:41:11<2:
03:32, 13.78s/it]train action loss :
533.10216319561 | train target loss:
1554.5643935203552
1136 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1137 46%|███████| 463/1000 [1:41:22<1:
56:06, 12.97s/it]train action loss :
533.0859707593918 | train target loss
: 1554.5058269500732
1138 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1139 46%|███████| 464/1000 [1:41:33<1:
50:44, 12.40s/it]train action loss :
```

```
1139 533.0238146781921 | train target loss
: 1554.3538603782654
1140 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1141 train action loss : 532.886204123497
| train target loss: 1554.
1728253364563
1142 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1143 46%|███████ | 465/1000 [1:41:44<1:
47:02, 12.00s/it]train action loss :
532.8725483417511 | train target loss
: 1553.9698123931885
1144 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1145 47%|███████ | 466/1000 [1:42:05<2:
11:37, 14.79s/it]val action loss :
2117.5124928951263 | val target loss
: 6193.702981472015
1146 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1147 47%|███████ | 467/1000 [1:42:17<2:
01:42, 13.70s/it]train action loss :
532.8390643596649 | train target loss
: 1553.8952836990356
1148 train action acc : 0.4802937883844778
| train target acc: 0.
```

```
1148 09576371378650123
1149 47%|██████████| 468/1000 [1:42:28<1:
54:47, 12.95s/it]train action loss :
532.7185530662537 | train target loss
: 1553.6077270507812
1150 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1151 train action loss : 532.7447299957275
| train target loss: 1553.
560784816742
1152 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1153 47%|██████████| 470/1000 [1:42:50<1:
46:11, 12.02s/it]train action loss :
532.7200763225555 | train target loss
: 1553.330675125122
1154 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1155 train action loss : 532.638386964798
| train target loss: 1553.
2075505256653
1156 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1157 val action loss : 2116.833857655525
| val target loss: 6190.625228881836
1158 val action acc : 0.48014321976726787
| val target losaccs: 0.
```

1158 09263609946633837  
1159 47%|██████ | 472/1000 [1:43:22<2:  
00:46, 13.72s/it]train action loss :  
532.5996016263962 | train target loss  
: 1552.9986896514893  
1160 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1161 47%|██████ | 473/1000 [1:43:34<1:  
53:29, 12.92s/it]train action loss :  
532.5484474897385 | train target loss  
: 1552.912368297577  
1162 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1163 47%|██████ | 474/1000 [1:43:45<1:  
48:33, 12.38s/it]train action loss :  
532.4170888662338 | train target loss  
: 1552.7379641532898  
1164 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1165 48%|██████ | 475/1000 [1:43:56<1:  
45:02, 12.01s/it]train action loss :  
532.4017581939697 | train target loss  
: 1552.6143760681152  
1166 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1167 train action loss : 532.4496620893478  
| train target loss: 1552.

```
1167 4667534828186
1168 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1169 val action loss : 2115.905423641205
    | val target loss: 6187.604722976685
1170 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
1171 48%|██████████| 477/1000 [1:44:28<1:
59:27, 13.71s/it]train action loss :
532.3003677129745 | train target loss
: 1552.2785081863403
1172 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1173 48%|██████████| 478/1000 [1:44:39<1:
52:14, 12.90s/it]train action loss :
532.2672222852707 | train target loss
: 1552.1604809761047
1174 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1175 train action loss : 532.287930727005
    | train target loss: 1552.
0114440917969
1176 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1177 48%|██████████| 480/1000 [1:45:01<1:
43:35, 11.95s/it]train action loss :
```

```
1177 532.2021281719208 | train target loss  
: 1551.807584285736  
1178 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1179 train action loss : 532.2201994657516  
| train target loss: 1551.  
6992893218994  
1180 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1181 val action loss : 2114.7906119823456  
| val target loss: 6184.728076457977  
1182 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1183 48%|███████ | 482/1000 [1:45:34<1:  
57:53, 13.66s/it]train action loss :  
532.1746799945831 | train target loss  
: 1551.4852504730225  
1184 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1185 48%|███████ | 483/1000 [1:45:45<1:  
51:11, 12.91s/it]train action loss :  
532.1144812107086 | train target loss  
: 1551.2955117225647  
1186 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1187 48%|███████ | 484/1000 [1:45:56<1:
```

```
1187 46:01, 12.33s/it]train action loss :  
532.0762070417404 | train target loss  
: 1551.126136302948  
1188 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1189 train action loss : 531.9764902591705  
| train target loss: 1551.  
0444703102112  
1190 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1191 48%|███████ | 485/1000 [1:46:07<1:  
42:16, 11.92s/it]train action loss :  
531.8672173023224 | train target loss  
: 1550.8490719795227  
1192 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1193 val action loss : 2114.0862295627594  
| val target loss: 6181.724219322205  
1194 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1195 49%|███████ | 487/1000 [1:46:39<1:  
56:01, 13.57s/it]train action loss :  
531.9752427339554 | train target loss  
: 1550.771716594696  
1196 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

```
1197 train action loss : 531.9164140224457
| train target loss: 1550.
6532411575317
1198 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1199 49%|███████ | 489/1000 [1:47:01<1:
44:34, 12.28s/it]train action loss :
531.8420712947845 | train target loss
: 1550.5066418647766
1200 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1201 train action loss : 531.8730936050415
| train target loss: 1550.
3386960029602
1202 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1203 49%|███████ | 490/1000 [1:47:12<1:
41:19, 11.92s/it]train action loss :
531.6971461772919 | train target loss
: 1550.2260122299194
1204 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1205 val action loss : 2112.932893037796
| val target loss: 6178.585515022278
1206 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
```

1207 49% | [REDACTED] | 492/1000 [1:47:44<1:  
55:17, 13.62s/it]train action loss :  
531.6815581321716 | train target loss  
: 1549.9808163642883

1208 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1209 49% | [REDACTED] | 493/1000 [1:47:55<1:  
48:27, 12.83s/it]train action loss :  
531.7828466892242 | train target loss  
: 1549.8616580963135

1210 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1211 49% | [REDACTED] | 494/1000 [1:48:06<1:  
43:32, 12.28s/it]train action loss :  
531.7183595895767 | train target loss  
: 1549.7318959236145

1212 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1213 train action loss : 531.6269023418427  
| train target loss: 1549.  
665205001831

1214 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1215 50% | [REDACTED] | 495/1000 [1:48:18<1:  
40:20, 11.92s/it]train action loss :  
531.611564874649 | train target loss  
: 1549.4929394721985

```
1216 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1217 val action loss : 2112.202000617981
| val target loss: 6175.847759246826
1218 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1219 50%|██████ | 497/1000 [1:48:50<1:
53:48, 13.58s/it]train action loss :
531.3991351127625 | train target loss
: 1549.221251964569
1220 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1221 50%|██████ | 498/1000 [1:49:01<1:
46:55, 12.78s/it]train action loss :
531.4190765619278 | train target loss
: 1549.0916442871094
1222 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1223 50%|██████ | 499/1000 [1:49:12<1:
42:18, 12.25s/it]train action loss :
531.3628222942352 | train target loss
: 1548.9434666633606
1224 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1225 50%|██████ | 500/1000 [1:49:23<1:
39:02, 11.89s/it]train action loss :
```

```
1225 531.3325312137604 | train target loss
: 1548.7887916564941
1226 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1227 train action loss : 531.3264006376266
| train target loss: 1548.
6587500572205
1228 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1229 val action loss : 2111.3786342144012
| val target loss: 6172.677998542786
1230 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1231 50%|███████ | 502/1000 [1:49:55<1:
52:38, 13.57s/it]train action loss :
531.1996793746948 | train target loss
: 1548.4505467414856
1232 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1233 50%|███████ | 503/1000 [1:50:06<1:
45:57, 12.79s/it]train action loss :
531.2113369703293 | train target loss
: 1548.382529258728
1234 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1235 train action loss : 531.2553225755692
```

```
1235 | train target loss: 1548.  
1752095222473  
1236 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1237 50%| [REDACTED] | 505/1000 [1:50:28<1:  
37:49, 11.86s/it]train action loss :  
531.1576789617538 | train target loss  
: 1548.0452289581299  
1238 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1239 train action loss : 531.0507935285568  
| train target loss: 1547.  
9408507347107  
1240 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1241 51%| [REDACTED] | 506/1000 [1:50:49<2:  
01:18, 14.73s/it]val action loss :  
2110.2954922914505 | val target loss  
: 6169.87785243988  
1242 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1243 train action loss : 531.0491727590561  
| train target loss: 1547.  
7539825439453  
1244 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

1245 51% | [redacted] | 508/1000 [1:51:11<1:  
45:41, 12.89s/it]train action loss :  
530.9744312763214 | train target loss  
: 1547.6618723869324

1246 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1247 train action loss : 531.064378619194  
| train target loss: 1547.  
4462313652039

1248 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1249 51% | [redacted] | 510/1000 [1:51:33<1:  
37:28, 11.94s/it]train action loss :  
530.9203213453293 | train target loss  
: 1547.35400056839

1250 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1251 train action loss : 530.9598667621613  
| train target loss: 1547.  
2299056053162

1252 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1253 val action loss : 2109.652043581009  
| val target loss: 6167.017489433289

1254 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1255 51% | [REDACTED] | 512/1000 [1:52:05<1:  
50:15, 13.56s/it]train action loss :  
530.8736183643341 | train target loss  
: 1547.0421829223633

1256 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1257 51% | [REDACTED] | 513/1000 [1:52:16<1:  
43:43, 12.78s/it]train action loss :  
530.9106900691986 | train target loss  
: 1546.9261679649353

1258 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1259 51% | [REDACTED] | 514/1000 [1:52:28<1:  
39:35, 12.29s/it]train action loss :  
530.8744479417801 | train target loss  
: 1546.78284740448

1260 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1261 train action loss : 530.7500156164169  
| train target loss: 1546.  
6293540000916

1262 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1263 52% | [REDACTED] | 515/1000 [1:52:39<1:  
36:16, 11.91s/it]train action loss :  
530.6967955827713 | train target loss  
: 1546.5615119934082

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1264 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1265 val action loss : 2109.0999088287354
| val target loss: 6164.256471633911
1266 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1267 52%|███████ | 517/1000 [1:53:11<1:
50:08, 13.68s/it]train action loss :
530.7800314426422 | train target loss
: 1546.321035861969
1268 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1269 52%|███████ | 518/1000 [1:53:22<1:
43:29, 12.88s/it]train action loss :
530.6657527685165 | train target loss
: 1546.1687507629395
1270 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1271 52%|███████ | 519/1000 [1:53:33<1:
38:56, 12.34s/it]train action loss :
530.5422954559326 | train target loss
: 1546.0094451904297
1272 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1273 52%|███████ | 520/1000 [1:53:45<1:
36:11, 12.02s/it]train action loss :
```

```
1273 530.583783864975 | train target loss
: 1545.9261236190796
1274 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1275 train action loss : 530.6612536907196
| train target loss: 1545.
7239217758179
1276 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1277 val action loss : 2108.069162964821
| val target loss: 6161.344868659973
1278 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1279 52%|██████████| 522/1000 [1:54:17<1:
49:07, 13.70s/it]train action loss :
530.5215491056442 | train target loss
: 1545.508689880371
1280 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1281 train action loss : 530.4676282405853
| train target loss: 1545.
4348139762878
1282 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1283 52%|██████████| 524/1000 [1:54:39<1:
38:08, 12.37s/it]train action loss :
```

```
1283 530.5545682907104 | train target loss
: 1545.2742824554443
1284 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1285 train action loss : 530.3770500421524
| train target loss: 1545.
1494183540344
1286 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1287 52%|███████| 525/1000 [1:54:50<1:
34:41, 11.96s/it]train action loss :
530.3434604406357 | train target loss
: 1545.0852537155151
1288 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1289 53%|███████| 526/1000 [1:55:12<1:
56:46, 14.78s/it]val action loss :
2107.4347586631775 | val target loss
: 6158.631934642792
1290 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1291 53%|███████| 527/1000 [1:55:23<1:
47:54, 13.69s/it]train action loss :
530.4087138175964 | train target loss
: 1544.8874673843384
1292 train action acc : 0.4802937883844778
| train target acc: 0.
```

1292 09576371378650123  
1293 train action loss : 530.2593319416046  
| train target loss: 1544.  
7679553031921  
1294 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1295 53%| [REDACTED] | 529/1000 [1:55:45<1:  
37:07, 12.37s/it]train action loss :  
530.2677425146103 | train target loss  
: 1544.5650115013123  
1296 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1297 train action loss : 530.1536539793015  
| train target loss: 1544.  
4655184745789  
1298 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1299 53%| [REDACTED] | 530/1000 [1:55:56<1:  
34:10, 12.02s/it]train action loss :  
530.1603044271469 | train target loss  
: 1544.2793970108032  
1300 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1301 53%| [REDACTED] | 531/1000 [1:56:17<1:  
55:56, 14.83s/it]val action loss :  
2106.709620475769 | val target loss:  
6155.759490966797

```
1302 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1303 train action loss : 530.2202882766724
| train target loss: 1544.
1742033958435
1304 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1305 53%|██████| 533/1000 [1:56:40<1:
40:32, 12.92s/it]train action loss :
530.1735016107559 | train target loss
: 1544.0267133712769
1306 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1307 53%|██████| 534/1000 [1:56:51<1:
36:03, 12.37s/it]train action loss :
530.0787335634232 | train target loss
: 1543.8517622947693
1308 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1309 54%|██████| 535/1000 [1:57:02<1:
32:38, 11.95s/it]train action loss :
530.1149406433105 | train target loss
: 1543.8065762519836
1310 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1311 train action loss : 530.021071434021
```

1311 | train target loss: 1543.  
630440235138

1312 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1313 54%| [REDACTED] | 536/1000 [1:57:23<1:  
54:10, 14.76s/it]val action loss :  
2105.975958943367 | val target loss:  
6153.105894565582

1314 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1315 54%| [REDACTED] | 537/1000 [1:57:34<1:  
45:07, 13.62s/it]train action loss :  
529.9727629423141 | train target loss  
: 1543.519180059433

1316 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1317 54%| [REDACTED] | 538/1000 [1:57:45<1:  
38:54, 12.84s/it]train action loss :  
529.9734153747559 | train target loss  
: 1543.3563556671143

1318 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1319 54%| [REDACTED] | 539/1000 [1:57:56<1:  
34:35, 12.31s/it]train action loss :  
529.970939874649 | train target loss  
: 1543.2445120811462

1320 train action acc : 0.4802937883844778

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1320 | train target acc: 0.  
09576371378650123  
1321 54%| [REDACTED] | 540/1000 [1:58:07<1:  
31:43, 11.96s/it]train action loss :  
529.7972855567932 | train target loss  
: 1543.0365052223206  
1322 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1323 train action loss : 529.9362105131149  
| train target loss: 1542.  
962794303894  
1324 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1325 val action loss : 2105.231400489807  
| val target loss: 6150.464069843292  
1326 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1327 54%| [REDACTED] | 542/1000 [1:58:40<1:  
44:12, 13.65s/it]train action loss :  
529.7753816843033 | train target loss  
: 1542.7644233703613  
1328 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1329 54%| [REDACTED] | 543/1000 [1:58:51<1:  
37:37, 12.82s/it]train action loss :  
529.7896305322647 | train target loss  
: 1542.693374156952
```

```
1330 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1331 54%|███████| 544/1000 [1:59:02<1:
33:35, 12.32s/it]train action loss :
529.7870234251022 | train target loss
: 1542.5304675102234
1332 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1333 train action loss : 529.7248312234879
| train target loss: 1542.
363088130951
1334 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1335 55%|███████| 545/1000 [1:59:13<1:
30:24, 11.92s/it]train action loss :
529.7419096231461 | train target loss
: 1542.2497487068176
1336 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1337 55%|███████| 546/1000 [1:59:34<1:
51:38, 14.76s/it]val action loss :
2104.730075120926 | val target loss:
6147.6512150764465
1338 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1339 train action loss : 529.744714975357
```

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1339 | train target loss: 1542.  
104751586914  
1340 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1341 55%| [REDACTED] | 548/1000 [1:59:56<1:  
36:51, 12.86s/it]train action loss :  
529.7092303037643 | train target loss  
: 1542.0061798095703  
1342 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1343 train action loss : 529.606517791748  
| train target loss: 1541.  
7936630249023  
1344 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1345 55%| [REDACTED] | 550/1000 [2:00:18<1:  
29:36, 11.95s/it]train action loss :  
529.4735522270203 | train target loss  
: 1541.7585697174072  
1346 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1347 train action loss : 529.5559582710266  
| train target loss: 1541.  
6097917556763  
1348 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

1349 55% | [REDACTED] | 551/1000 [2:00:40<1:  
50:37, 14.78s/it]val action loss :  
2103.941982984543 | val target loss:  
6144.981648445129

1350 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1351 train action loss : 529.5362548828125  
| train target loss: 1541.  
3825521469116

1352 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1353 55% | [REDACTED] | 553/1000 [2:01:02<1:  
36:26, 12.94s/it]train action loss :  
529.4249784946442 | train target loss  
: 1541.2821469306946

1354 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1355 55% | [REDACTED] | 554/1000 [2:01:13<1:  
32:08, 12.40s/it]train action loss :  
529.3992632627487 | train target loss  
: 1541.1052117347717

1356 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1357 train action loss : 529.4308751821518  
| train target loss: 1541.  
050362110138

1358 train action acc : 0.4802937883844778

```
1358 | train target acc: 0.  
09576371378650123  
1359 56%| [REDACTED] | 555/1000 [2:01:24<1:  
29:04, 12.01s/it]train action loss :  
529.3746420145035 | train target loss  
: 1540.8309717178345  
1360 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1361 val action loss : 2103.3940745592117  
| val target loss: 6142.490752696991  
1362 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1363 56%| [REDACTED] | 557/1000 [2:01:57<1:  
41:26, 13.74s/it]train action loss :  
529.2942980527878 | train target loss  
: 1540.7270073890686  
1364 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1365 train action loss : 529.2755588293076  
| train target loss: 1540.  
7120504379272  
1366 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1367 56%| [REDACTED] | 559/1000 [2:02:19<1:  
30:47, 12.35s/it]train action loss :  
529.2322036027908 | train target loss  
: 1540.4607167243958
```

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1368 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1369 train action loss : 529.2008332014084
| train target loss: 1540.
3875060081482
1370 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1371 56%|██████| 560/1000 [2:02:30<1:
27:53, 11.98s/it]train action loss :
529.0571568012238 | train target loss
: 1540.1773881912231
1372 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1373 val action loss : 2102.811785697937
| val target loss: 6139.807880401611
1374 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1375 56%|██████| 562/1000 [2:03:03<1:
40:03, 13.71s/it]train action loss :
529.2066900730133 | train target loss
: 1540.0870208740234
1376 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1377 train action loss : 529.111983537674
| train target loss: 1539.
9233374595642
```

1378 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1379 56%| [REDACTED] | 564/1000 [2:03:26<1:  
31:34, 12.60s/it]train action loss :  
529.039312005043 | train target loss  
: 1539.7973771095276

1380 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1381 56%| [REDACTED] | 565/1000 [2:03:37<1:  
28:22, 12.19s/it]train action loss :  
529.0775918960571 | train target loss  
: 1539.6859226226807

1382 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1383 train action loss : 529.0337888002396  
| train target loss: 1539.  
5540790557861

1384 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1385 57%| [REDACTED] | 566/1000 [2:03:58<1:  
48:09, 14.95s/it]val action loss :  
2102.212324857712 | val target loss:  
6137.163173675537

1386 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1387 train action loss : 528.9891004562378

```
1387 | train target loss: 1539.  
4369564056396  
1388 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1389 57%| [REDACTED] | 568/1000 [2:04:21<1:  
33:42, 13.02s/it]train action loss :  
529.0143866539001 | train target loss  
: 1539.2981357574463  
1390 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1391 train action loss : 528.9549963474274  
| train target loss: 1539.  
2367033958435  
1392 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1393 57%| [REDACTED] | 570/1000 [2:04:43<1:  
26:34, 12.08s/it]train action loss :  
528.8927881717682 | train target loss  
: 1538.9762182235718  
1394 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1395 train action loss : 528.8226735591888  
| train target loss: 1538.  
8594193458557  
1396 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

```
1397 val action loss : 2101.581258416176
| val target loss: 6134.
4266176223755
1398 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1399 57%|███████| 572/1000 [2:05:16<1:
38:23, 13.79s/it]train action loss :
528.9539614915848 | train target loss
: 1538.8180232048035
1400 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1401 train action loss : 528.7860872745514
| train target loss: 1538.
616497039795
1402 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1403 57%|███████| 574/1000 [2:05:38<1:
28:01, 12.40s/it]train action loss :
528.8491947650909 | train target loss
: 1538.4728870391846
1404 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1405 train action loss : 528.8209546804428
| train target loss: 1538.
3885221481323
1406 train action acc : 0.4802937883844778
| train target acc: 0.
```

1406 09576371378650123  
1407 57%| [REDACTED] | 575/1000 [2:05:49<1:  
25:22, 12.05s/it]train action loss :  
528.769481420517 | train target loss  
: 1538.2872924804688  
1408 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1409 val action loss : 2101.104059576988  
| val target loss: 6132.057787895203  
1410 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1411 58%| [REDACTED] | 577/1000 [2:06:22<1:  
36:53, 13.74s/it]train action loss :  
528.7897884845734 | train target loss  
: 1538.1363682746887  
1412 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1413 train action loss : 528.6521037817001  
| train target loss: 1537.  
9720058441162  
1414 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1415 58%| [REDACTED] | 579/1000 [2:06:44<1:  
26:52, 12.38s/it]train action loss :  
528.6868733167648 | train target loss  
: 1537.84193277359  
1416 train action acc : 0.4802937883844778

1416 | train target acc: 0.  
09576371378650123

1417 train action loss : 528.6247386932373  
| train target loss: 1537.  
780189037323

1418 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1419 58%| [REDACTED] | 580/1000 [2:06:55<1:  
23:59, 12.00s/it]train action loss :  
528.6054973602295 | train target loss  
: 1537.6138072013855

1420 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1421 58%| [REDACTED] | 581/1000 [2:07:16<1:  
43:24, 14.81s/it]val action loss :  
2100.5872589349747 | val target loss  
: 6129.590870857239

1422 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1423 train action loss : 528.6421996355057  
| train target loss: 1537.  
4360280036926

1424 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1425 58%| [REDACTED] | 583/1000 [2:07:38<1:  
29:31, 12.88s/it]train action loss :  
528.5494105815887 | train target loss

1425 : 1537.3212349414825  
1426 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1427 train action loss : 528.5804303884506  
| train target loss: 1537.  
1788806915283  
1428 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1429 58% | [2:08:01<1:  
22:53, 11.98s/it]train action loss :  
528.5184404850006 | train target loss  
: 1537.034324645996  
1430 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1431 train action loss : 528.4635498523712  
| train target loss: 1536.  
9560837745667  
1432 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1433 59% | [2:08:22<1:  
42:15, 14.82s/it]val action loss :  
2099.954120516777 | val target loss:  
6127.037575006485  
1434 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1435 59% | [2:08:33<1:

1435 34:34, 13.74s/it]train action loss :  
528.503170132637 | train target loss  
: 1536.7806859016418

1436 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1437 59%| [REDACTED] | 588/1000 [2:08:44<1:  
29:07, 12.98s/it]train action loss :  
528.4105961322784 | train target loss  
: 1536.7301933765411

1438 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1439 train action loss : 528.489005446434  
| train target loss: 1536.  
5946187973022

1440 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1441 59%| [REDACTED] | 590/1000 [2:09:07<1:  
22:13, 12.03s/it]train action loss :  
528.4159458875656 | train target loss  
: 1536.4233663082123

1442 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1443 train action loss : 528.3837170600891  
| train target loss: 1536.  
3381242752075

1444 train action acc : 0.4802937883844778  
| train target acc: 0.

1444 09576371378650123  
1445 59% | [REDACTED] | 591/1000 [2:09:28<1:  
41:13, 14.85s/it]val action loss :  
2099.203427553177 | val target loss:  
6124.33957195282  
1446 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1447 59% | [REDACTED] | 592/1000 [2:09:39<1:  
33:08, 13.70s/it]train action loss :  
528.3246824741364 | train target loss  
: 1536.1620545387268  
1448 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1449 train action loss : 528.3953803777695  
| train target loss: 1536.  
082097530365  
1450 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1451 59% | [REDACTED] | 594/1000 [2:10:01<1:  
23:55, 12.40s/it]train action loss :  
528.3138620853424 | train target loss  
: 1535.9684624671936  
1452 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1453 60% | [REDACTED] | 595/1000 [2:10:12<1:  
21:03, 12.01s/it]train action loss :  
528.2276532649994 | train target loss

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1453 : 1535.7880401611328
1454 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1455 train action loss : 528.153390288353
    | train target loss: 1535.
7388179302216
1456 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1457 val action loss : 2098.786190390587
    | val target loss: 6122.018867254257
1458 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
1459 60%|███████| 597/1000 [2:10:45<1:
32:27, 13.77s/it]train action loss :
528.222910284996 | train target loss
: 1535.5250267982483
1460 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1461 train action loss : 528.2025213241577
    | train target loss: 1535.
422776222229
1462 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1463 60%|███████| 599/1000 [2:11:07<1:
23:04, 12.43s/it]train action loss :
528.1334379911423 | train target loss
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1463 : 1535.264738559723
1464 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1465 train action loss : 528.1903750896454
| train target loss: 1535.
1817009449005
1466 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1467 60%|███████| 600/1000 [2:11:20<1:
22:18, 12.35s/it]train action loss :
528.2934453487396 | train target loss
: 1535.0280742645264
1468 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1469 val action loss : 2098.323029279709
| val target loss: 6119.621538877487
1470 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1471 60%|███████| 602/1000 [2:11:52<1:
32:00, 13.87s/it]train action loss :
528.0706613063812 | train target loss
: 1534.849368572235
1472 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1473 train action loss : 528.0084198713303
| train target loss: 1534.
```

1473 8350841999054  
1474 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1475 60%| [REDACTED] | 604/1000 [2:12:14<1:  
22:15, 12.46s/it]train action loss :  
528.096125125885 | train target loss  
: 1534.722013950348  
1476 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1477 train action loss : 527.97028028965  
| train target loss: 1534.  
4784533977509  
1478 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1479 60%| [REDACTED] | 605/1000 [2:12:25<1:  
19:20, 12.05s/it]train action loss :  
527.9491966962814 | train target loss  
: 1534.3720030784607  
1480 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1481 val action loss : 2097.501217484474  
| val target loss: 6117.164155960083  
1482 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1483 61%| [REDACTED] | 607/1000 [2:12:58<1:  
30:09, 13.76s/it]train action loss :

```
1483 528.0805268287659 | train target loss
: 1534.3617310523987
1484 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1485 61%|███████| 608/1000 [2:13:09<1:
24:13, 12.89s/it]train action loss :
527.8514175415039 | train target loss
: 1534.22647690773
1486 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1487 train action loss : 527.8245989084244
| train target loss: 1534.
1592245101929
1488 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1489 61%|███████| 610/1000 [2:13:31<1:
17:56, 11.99s/it]train action loss :
527.8329659700394 | train target loss
: 1533.9787220954895
1490 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1491 train action loss : 527.9084428548813
| train target loss: 1533.
7838232517242
1492 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
```

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1493 val action loss : 2097.351764678955
    | val target loss: 6114.785323858261
1494 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
1495 61%|██████████| 612/1000 [2:14:04<1:
28:44, 13.72s/it]train action loss :
527.8824919462204 | train target loss
: 1533.6902916431427
1496 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1497 train action loss : 527.7260535955429
    | train target loss: 1533.
6008868217468
1498 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1499 61%|██████████| 614/1000 [2:14:26<1:
19:59, 12.43s/it]train action loss :
527.7984638214111 | train target loss
: 1533.4200057983398
1500 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1501 train action loss : 527.6972540616989
    | train target loss: 1533.
2893176078796
1502 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
```

1503 62%| [REDACTED] | 615/1000 [2:14:37<1:  
17:14, 12.04s/it]train action loss :  
527.7006489038467 | train target loss  
: 1533.1962823867798

1504 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1505 val action loss : 2097.1009699106216  
| val target loss: 6112.464303255081

1506 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1507 62%| [REDACTED] | 617/1000 [2:15:10<1:  
27:29, 13.71s/it]train action loss :  
527.7354171276093 | train target loss  
: 1533.0724449157715

1508 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1509 62%| [REDACTED] | 618/1000 [2:15:21<1:  
22:10, 12.91s/it]train action loss :  
527.659753203392 | train target loss  
: 1532.9570808410645

1510 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1511 62%| [REDACTED] | 619/1000 [2:15:32<1:  
18:26, 12.35s/it]train action loss :  
527.5642731189728 | train target loss  
: 1532.8446469306946

1512 train action acc : 0.4802937883844778

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1512 | train target acc: 0.  
09576371378650123  
1513 train action loss : 527.6817494630814  
| train target loss: 1532.  
735517501831  
1514 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1515 62%|██████ | 620/1000 [2:15:43<1:  
15:57, 11.99s/it]train action loss :  
527.5598292350769 | train target loss  
: 1532.5609068870544  
1516 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1517 62%|██████ | 621/1000 [2:16:04<1:  
33:20, 14.78s/it]val action loss :  
2096.170065999031 | val target loss:  
6110.0819392204285  
1518 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1519 train action loss : 527.5876364707947  
| train target loss: 1532.  
5235228538513  
1520 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1521 62%|██████ | 623/1000 [2:16:26<1:  
20:57, 12.88s/it]train action loss :  
527.5133031606674 | train target loss
```

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1521 : 1532.4010210037231
1522 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1523 train action loss : 527.6322950124741
| train target loss: 1532.
2996451854706
1524 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1525 62%|███████ | 625/1000 [2:16:49<1:
14:47, 11.97s/it]train action loss :
527.4859060049057 | train target loss
: 1532.0976741313934
1526 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1527 train action loss : 527.5596504211426
| train target loss: 1532.
003579378128
1528 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1529 63%|███████ | 626/1000 [2:17:10<1:
32:02, 14.77s/it]val action loss :
2095.887372612953 | val target loss:
6107.630909919739
1530 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1531 train action loss : 527.5443472862244
```

1531 | train target loss: 1531.  
8601660728455

1532 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1533 63%| [REDACTED] | 628/1000 [2:17:32<1:  
19:50, 12.88s/it]train action loss :  
527.4693183898926 | train target loss  
: 1531.7635753154755

1534 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1535 63%| [REDACTED] | 629/1000 [2:17:43<1:  
16:23, 12.35s/it]train action loss :  
527.4651273488998 | train target loss  
: 1531.6913120746613

1536 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1537 63%| [REDACTED] | 630/1000 [2:17:54<1:  
13:49, 11.97s/it]train action loss :  
527.3738431930542 | train target loss  
: 1531.5328629016876

1538 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1539 train action loss : 527.3664461374283  
| train target loss: 1531.  
4717991352081

1540 train action acc : 0.4802937883844778  
| train target acc: 0.

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1540 09576371378650123
1541 val action loss : 2095.433694601059
    | val target loss: 6105.512837648392
1542 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
1543 63%|██████████| 632/1000 [2:18:27<1:
23:42, 13.65s/it]train action loss :
527.3187087774277 | train target loss
: 1531.2937531471252
1544 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1545 train action loss : 527.3056976795197
    | train target loss: 1531.
1519260406494
1546 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1547 63%|██████████| 634/1000 [2:18:49<1:
15:17, 12.34s/it]train action loss :
527.2927265167236 | train target loss
: 1531.060030221939
1548 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1549 train action loss : 527.1950852870941
    | train target loss: 1530.
937304019928
1550 train action acc : 0.4802937883844778
    | train target acc: 0.
```

1550 09576371378650123  
1551 64%|██████ | 635/1000 [2:19:00<1:  
12:46, 11.96s/it]train action loss :  
527.3277596235275 | train target loss  
: 1530.8329544067383  
1552 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1553 val action loss : 2095.2037266492844  
| val target loss: 6102.985548019409  
1554 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1555 64%|██████ | 637/1000 [2:19:32<1:  
22:40, 13.67s/it]train action loss :  
527.2523092031479 | train target loss  
: 1530.7738971710205  
1556 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1557 64%|██████ | 638/1000 [2:19:43<1:  
17:52, 12.91s/it]train action loss :  
527.2250368595123 | train target loss  
: 1530.592577457428  
1558 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1559 train action loss : 527.1930983066559  
| train target loss: 1530.  
4854650497437  
1560 train action acc : 0.4802937883844778

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1560 | train target acc: 0.  
09576371378650123  
1561 64%| [REDACTED] | 640/1000 [2:20:06<1:  
11:59, 12.00s/it]train action loss :  
527.1722888946533 | train target loss  
: 1530.4163970947266  
1562 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1563 train action loss : 527.0824947357178  
| train target loss: 1530.  
182303905487  
1564 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1565 val action loss : 2094.517746090889  
| val target loss: 6100.798463344574  
1566 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1567 64%| [REDACTED] | 642/1000 [2:20:40<1:  
24:17, 14.13s/it]train action loss :  
527.1729702949524 | train target loss  
: 1530.0583379268646  
1568 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1569 64%| [REDACTED] | 643/1000 [2:20:52<1:  
21:04, 13.63s/it]train action loss :  
527.1179112195969 | train target loss  
: 1530.0397868156433
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1570 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1571 train action loss : 527.1085469722748
| train target loss: 1529.
8918673992157
1572 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1573 64%|██████| 645/1000 [2:21:16<1:
16:19, 12.90s/it]train action loss :
527.1290353536606 | train target loss
: 1529.7918536663055
1574 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1575 train action loss : 527.181884765625
| train target loss: 1529.
7143018245697
1576 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1577 65%|██████| 646/1000 [2:21:40<1:
34:22, 16.00s/it]val action loss :
2094.1085547208786 | val target loss
: 6098.558326005936
1578 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1579 train action loss : 527.0574983358383
| train target loss: 1529.
```

1579 5678369998932  
1580 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1581 65%| [REDACTED] | 648/1000 [2:22:04<1:  
22:52, 14.13s/it]train action loss :  
527.0754156112671 | train target loss  
: 1529.485571861267  
1582 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1583 train action loss : 527.0156629085541  
| train target loss: 1529.  
3732221126556  
1584 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1585 65%| [REDACTED] | 650/1000 [2:22:29<1:  
17:02, 13.21s/it]train action loss :  
526.9631301164627 | train target loss  
: 1529.1964573860168  
1586 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1587 train action loss : 526.961486697197  
| train target loss: 1529.  
07226395607  
1588 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1589 65%| [REDACTED] | 651/1000 [2:22:52<1:

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1589 34:23, 16.23s/it]val action loss :  
2093.505757689476 | val target loss:  
6096.260409355164  
1590 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1591 train action loss : 526.8456622362137  
| train target loss: 1528.  
9902334213257  
1592 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1593 65%|███████ | 653/1000 [2:23:17<1:  
22:03, 14.19s/it]train action loss :  
526.909787774086 | train target loss  
: 1528.8770694732666  
1594 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1595 train action loss : 526.8277904987335  
| train target loss: 1528.  
6633071899414  
1596 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1597 66%|███████ | 655/1000 [2:23:41<1:  
15:59, 13.21s/it]train action loss :  
526.8331218957901 | train target loss  
: 1528.6560299396515  
1598 train action acc : 0.4802937883844778  
| train target acc: 0.
```

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1598 09576371378650123
1599 train action loss : 526.9668000936508
| train target loss: 1528.
6039414405823
1600 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1601 val action loss : 2093.2665959596634
| val target loss: 6094.043711900711
1602 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1603 66%|██████████| 657/1000 [2:24:16<1:
25:28, 14.95s/it]train action loss :
526.8392397165298 | train target loss
: 1528.3985340595245
1604 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1605 train action loss : 526.8009909391403
| train target loss: 1528.
3138115406036
1606 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1607 66%|██████████| 659/1000 [2:24:41<1:
17:15, 13.59s/it]train action loss :
526.7883796691895 | train target loss
: 1528.2022585868835
1608 train action acc : 0.4802937883844778
| train target acc: 0.
```

1608 09576371378650123  
1609 train action loss : 526.8283904790878  
| train target loss: 1528.  
0925505161285  
1610 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1611 66%| [REDACTED] | 660/1000 [2:24:53<1:  
14:44, 13.19s/it]train action loss :  
526.7025858163834 | train target loss  
: 1527.9326968193054  
1612 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1613 val action loss : 2092.9830865859985  
| val target loss: 6091.903214931488  
1614 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1615 66%| [REDACTED] | 662/1000 [2:25:29<1:  
24:44, 15.04s/it]train action loss :  
526.7978372573853 | train target loss  
: 1527.8672335147858  
1616 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1617 66%| [REDACTED] | 663/1000 [2:25:41<1:  
19:55, 14.23s/it]train action loss :  
526.6952250003815 | train target loss  
: 1527.7531459331512  
1618 train action acc : 0.4802937883844778

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1618 | train target acc: 0.  
09576371378650123  
1619 train action loss : 526.7434413433075  
| train target loss: 1527.  
7302465438843  
1620 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1621 66%|███████| 665/1000 [2:26:06<1:  
13:49, 13.22s/it]train action loss :  
526.6865673065186 | train target loss  
: 1527.474056482315  
1622 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1623 train action loss : 526.6291731595993  
| train target loss: 1527.  
4470393657684  
1624 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1625 val action loss : 2092.5816744565964  
| val target loss: 6089.788297176361  
1626 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1627 67%|███████| 667/1000 [2:26:41<1:  
23:35, 15.06s/it]train action loss :  
526.6553692817688 | train target loss  
: 1527.3413622379303  
1628 train action acc : 0.4802937883844778
```

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1628 | train target acc: 0.  
09576371378650123  
1629 train action loss : 526.6630650758743  
| train target loss: 1527.  
2240569591522  
1630 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1631 67%|██████ | 669/1000 [2:27:06<1:  
15:03, 13.61s/it]train action loss :  
526.6818702220917 | train target loss  
: 1527.0639824867249  
1632 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1633 67%|██████ | 670/1000 [2:27:18<1:  
12:19, 13.15s/it]train action loss :  
526.5584337711334 | train target loss  
: 1526.956683397293  
1634 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1635 train action loss : 526.4425729513168  
| train target loss: 1526.  
9279627799988  
1636 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1637 val action loss : 2092.252959728241  
| val target loss: 6087.54354095459  
1638 val action acc : 0.48014321976726787
```

```
1638 | val target losaccs: 0.  
09263609946633837  
1639 67%| [REDACTED] | 672/1000 [2:27:53<1:  
22:02, 15.01s/it]train action loss :  
526.4975880384445 | train target loss  
: 1526.7319059371948  
1640 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1641 67%| [REDACTED] | 673/1000 [2:28:06<1:  
17:25, 14.21s/it]train action loss :  
526.5391200780869 | train target loss  
: 1526.638799905777  
1642 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1643 67%| [REDACTED] | 674/1000 [2:28:18<1:  
13:55, 13.60s/it]train action loss :  
526.548572063446 | train target loss  
: 1526.5357024669647  
1644 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1645 68%| [REDACTED] | 675/1000 [2:28:30<1:  
11:02, 13.12s/it]train action loss :  
526.5760495662689 | train target loss  
: 1526.4380466938019  
1646 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1647 train action loss : 526.4801232814789
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1647 | train target loss: 1526.  
2772343158722  
1648 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1649 val action loss : 2091.6645904779434  
| val target loss: 6085.401161193848  
1650 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1651 68%|███████| 677/1000 [2:29:05<1:  
20:24, 14.94s/it]train action loss :  
526.4568295478821 | train target loss  
: 1526.277557849884  
1652 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1653 68%|███████| 678/1000 [2:29:17<1:  
15:37, 14.09s/it]train action loss :  
526.4796396493912 | train target loss  
: 1526.1069209575653  
1654 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1655 train action loss : 526.3651494979858  
| train target loss: 1525.  
9683346748352  
1656 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1657 68%|███████| 680/1000 [2:29:42<1:
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1657 10:18, 13.18s/it]train action loss :  
526.3801488876343 | train target loss  
: 1525.868040561676  
1658 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1659 train action loss : 526.3775712251663  
| train target loss: 1525.  
76016163826  
1660 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1661 val action loss : 2091.2653732299805  
| val target loss: 6083.257580757141  
1662 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1663 68%|███████ | 682/1000 [2:30:17<1:  
19:28, 14.99s/it]train action loss :  
526.3656532764435 | train target loss  
: 1525.7113165855408  
1664 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1665 train action loss : 526.3957043886185  
| train target loss: 1525.  
5871393680573  
1666 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1667 68%|███████ | 684/1000 [2:30:42<1:
```

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1667 11:22, 13.55s/it]train action loss :  
526.3640233278275 | train target loss  
: 1525.491596698761  
1668 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1669 train action loss : 526.3887308835983  
| train target loss: 1525.  
3289473056793  
1670 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1671 68%|███████ | 685/1000 [2:30:54<1:  
09:20, 13.21s/it]train action loss :  
526.2747515439987 | train target loss  
: 1525.2351379394531  
1672 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1673 val action loss : 2090.7843490839005  
| val target loss: 6081.18633890152  
1674 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1675 69%|███████ | 687/1000 [2:31:29<1:  
17:44, 14.90s/it]train action loss :  
526.2057552337646 | train target loss  
: 1525.1205914020538  
1676 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

1677 69%|██████ | 688/1000 [2:31:41<1:  
13:17, 14.10s/it]train action loss :  
526.1892920732498 | train target loss  
: 1525.0466992855072

1678 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1679 train action loss : 526.2312933206558  
| train target loss: 1524.  
911845445633

1680 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1681 69%|██████ | 690/1000 [2:32:06<1:  
07:41, 13.10s/it]train action loss :  
526.2705748081207 | train target loss  
: 1524.8922476768494

1682 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1683 train action loss : 526.183162689209  
| train target loss: 1524.  
6606488227844

1684 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1685 val action loss : 2090.558398127556  
| val target loss: 6079.114611625671

1686 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837

1687 69%|██████ | 692/1000 [2:32:41<1:  
16:55, 14.99s/it]train action loss :  
526.1422476768494 | train target loss  
: 1524.5735456943512

1688 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1689 train action loss : 526.1109615564346  
| train target loss: 1524.  
4679737091064

1690 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1691 69%|██████ | 694/1000 [2:33:06<1:  
10:00, 13.73s/it]train action loss :  
526.1293098926544 | train target loss  
: 1524.4176270961761

1692 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1693 train action loss : 526.1308749914169  
| train target loss: 1524.  
2989201545715

1694 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123

1695 70%|██████ | 695/1000 [2:33:18<1:  
07:21, 13.25s/it]train action loss :  
525.9540069103241 | train target loss  
: 1524.177674293518

1696 train action acc : 0.4802937883844778

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1696 | train target acc: 0.  
09576371378650123  
1697 70%| [REDACTED] | 696/1000 [2:33:42<1:  
22:17, 16.24s/it]val action loss :  
2090.037237048149 | val target loss:  
6076.813992023468  
1698 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1699 70%| [REDACTED] | 697/1000 [2:33:54<1:  
15:55, 15.03s/it]train action loss :  
526.159998178482 | train target loss  
: 1524.0509147644043  
1700 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1701 70%| [REDACTED] | 698/1000 [2:34:06<1:  
11:07, 14.13s/it]train action loss :  
526.1055333614349 | train target loss  
: 1523.9943981170654  
1702 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1703 train action loss : 526.0830870866776  
| train target loss: 1523.  
9061739444733  
1704 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1705 70%| [REDACTED] | 700/1000 [2:34:32<1:  
07:24, 13.48s/it]train action loss :
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1705 525.9450371265411 | train target loss
: 1523.7252340316772
1706 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1707 train action loss : 525.9638360738754
| train target loss: 1523.
6525585651398
1708 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1709 70%|███████| 701/1000 [2:34:55<1:
21:44, 16.40s/it]val action loss :
2089.85944378376 | val target loss:
6075.107551336288
1710 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1711 70%|███████| 702/1000 [2:35:07<1:
15:04, 15.12s/it]train action loss :
525.9827538728714 | train target loss
: 1523.5627055168152
1712 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1713 70%|███████| 703/1000 [2:35:19<1:
10:39, 14.27s/it]train action loss :
526.0039519071579 | train target loss
: 1523.4256536960602
1714 train action acc : 0.4802937883844778
| train target acc: 0.
```

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1714 09576371378650123
1715 70%|██████| 704/1000 [2:35:31<1:
06:43, 13.53s/it]train action loss :
525.877584695816 | train target loss
: 1523.3249065876007
1716 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1717 70%|██████| 705/1000 [2:35:43<1:
03:53, 13.00s/it]train action loss :
525.9326746463776 | train target loss
: 1523.2108504772186
1718 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1719 train action loss : 526.0105600357056
| train target loss: 1523.
150628566742
1720 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1721 val action loss : 2089.6003597974777
| val target loss: 6072.911085605621
1722 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1723 71%|██████| 707/1000 [2:36:17<1:
11:33, 14.65s/it]train action loss :
525.9725712537766 | train target loss
: 1523.0718457698822
1724 train action acc : 0.4802937883844778
```

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1724 | train target acc: 0.  
09576371378650123  
1725 71%|███████| 708/1000 [2:36:29<1:  
07:03, 13.78s/it]train action loss :  
525.8843355178833 | train target loss  
: 1522.9290435314178  
1726 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1727 train action loss : 525.9962464570999  
| train target loss: 1522.  
8333361148834  
1728 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1729 71%|███████| 710/1000 [2:36:52<1:  
01:39, 12.76s/it]train action loss :  
525.8170683383942 | train target loss  
: 1522.730789422989  
1730 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1731 train action loss : 525.8497319221497  
| train target loss: 1522.  
5598492622375  
1732 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1733 val action loss : 2089.1724557876587  
| val target loss: 6071.083161115646  
1734 val action acc : 0.48014321976726787
```

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1734 | val target losaccs: 0.  
09263609946633837  
1735 71%|███████| 712/1000 [2:37:27<1:  
09:47, 14.54s/it]train action loss :  
525.8866131305695 | train target loss  
: 1522.5093259811401  
1736 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1737 train action loss : 525.8791341781616  
| train target loss: 1522.  
4154555797577  
1738 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1739 71%|███████| 714/1000 [2:37:50<1:  
02:36, 13.14s/it]train action loss :  
525.8137539625168 | train target loss  
: 1522.327065706253  
1740 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1741 train action loss : 525.7307510375977  
| train target loss: 1522.  
205334663391  
1742 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1743 72%|███████| 715/1000 [2:38:02<1:  
00:29, 12.73s/it]train action loss :  
525.7815210819244 | train target loss
```

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1743 : 1522.1149129867554
1744 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1745 val action loss : 2088.8255984783173
    | val target loss: 6068.85790348053
1746 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
1747 72%|███████| 717/1000 [2:38:36<1:
08:05, 14.44s/it]train action loss :
525.7228919267654 | train target loss
: 1522.021381855011
1748 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1749 train action loss : 525.666645526886
    | train target loss: 1521.
85187625885
1750 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1751 72%|███████| 719/1000 [2:39:00<1:
01:19, 13.10s/it]train action loss :
525.7048652172089 | train target loss
: 1521.8580462932587
1752 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1753 train action loss : 525.7547577619553
    | train target loss: 1521.
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1753 6486830711365  
1754 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1755 72%| [REDACTED] | 720/1000 [2:39:12<59:  
:23, 12.73s/it] train action loss :  
525.7509250640869 | train target loss  
: 1521.609971523285  
1756 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1757 72%| [REDACTED] | 721/1000 [2:39:34<1:  
12:57, 15.69s/it] val action loss :  
2088.4950144290924 | val target loss  
: 6067.021536827087  
1758 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1759 72%| [REDACTED] | 722/1000 [2:39:46<1:  
07:28, 14.56s/it] train action loss :  
525.537224650383 | train target loss  
: 1521.5174782276154  
1760 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1761 72%| [REDACTED] | 723/1000 [2:39:58<1:  
03:22, 13.73s/it] train action loss :  
525.5651619434357 | train target loss  
: 1521.3177213668823  
1762 train action acc : 0.4802937883844778  
| train target acc: 0.

1762 09576371378650123  
1763 72%|██████ | 724/1000 [2:40:10<1:  
00:21, 13.12s/it]train action loss :  
525.7197290658951 | train target loss  
: 1521.3557000160217  
1764 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1765 72%|██████ | 725/1000 [2:40:21<58  
:15, 12.71s/it] train action loss :  
525.7072820663452 | train target loss  
: 1521.2294619083405  
1766 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1767 train action loss : 525.5634919404984  
| train target loss: 1521.  
1389677524567  
1768 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1769 val action loss : 2088.2266039848328  
| val target loss: 6064.990163326263  
1770 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1771 73%|██████ | 727/1000 [2:40:56<1:  
05:43, 14.45s/it]train action loss :  
525.4518320560455 | train target loss  
: 1521.002696275711  
1772 train action acc : 0.4802937883844778

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1772 | train target acc: 0.  
09576371378650123  
1773 train action loss : 525.6054966449738  
| train target loss: 1520.  
871131658554  
1774 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1775 73%|███████ | 729/1000 [2:41:19<59  
:08, 13.09s/it] train action loss :  
525.4483596086502 | train target loss  
: 1520.819079399109  
1776 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1777 train action loss : 525.4709783792496  
| train target loss: 1520.  
754489660263  
1778 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1779 73%|███████ | 730/1000 [2:41:31<57  
:05, 12.69s/it] train action loss :  
525.4849238395691 | train target loss  
: 1520.6289896965027  
1780 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1781 val action loss : 2087.706241250038  
| val target loss: 6063.119802951813  
1782 val action acc : 0.48014321976726787
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1782 | val target losaccs: 0.  
09263609946633837  
1783 73%|███████| 732/1000 [2:42:05<1:  
04:45, 14.50s/it]train action loss :  
525.3997858762741 | train target loss  
: 1520.408503293991  
1784 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1785 train action loss : 525.6194453239441  
| train target loss: 1520.  
343557357788  
1786 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1787 73%|███████| 734/1000 [2:42:29<58  
:07, 13.11s/it] train action loss :  
525.5901646614075 | train target loss  
: 1520.3746991157532  
1788 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1789 74%|███████| 735/1000 [2:42:41<56  
:08, 12.71s/it]train action loss :  
525.3332308530807 | train target loss  
: 1520.144966840744  
1790 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1791 train action loss : 525.358456492424  
| train target loss: 1520.
```

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1791 1381306648254
1792 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1793 val action loss : 2087.378966331482
    | val target loss: 6061.138045310974
1794 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
1795 74%|██████████| 737/1000 [2:43:15<1:
03:38, 14.52s/it]train action loss :
525.4209357500076 | train target loss
: 1520.0137009620667
1796 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1797 train action loss : 525.4143633842468
    | train target loss: 1519.
9624934196472
1798 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1799 74%|██████████| 739/1000 [2:43:39<57
:03, 13.12s/it]train action loss :
525.3321352005005 | train target loss
: 1519.7876160144806
1800 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1801 train action loss : 525.3414235115051
    | train target loss: 1519.
```

1801 693601846695  
1802 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1803 74% | [2:43:50<55 :15, 12.75s/it] train action loss :  
525.3386130332947 | train target loss :  
1519.6375632286072  
1804 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1805 74% | [2:44:13<1:07:46, 15.70s/it] val action loss :  
2087.151734352112 | val target loss:  
6059.1906797885895  
1806 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1807 74% | [2:44:25<1:02:22, 14.51s/it] train action loss :  
525.3379065990448 | train target loss :  
1519.4956243038177  
1808 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1809 74% | [2:44:37<58 :36, 13.68s/it] train action loss :  
525.3341498374939 | train target loss :  
1519.4058125019073  
1810 train action acc : 0.4802937883844778  
| train target acc: 0.

1810 09576371378650123  
1811 74% | [REDACTED] | 744/1000 [2:44:48<55 :51, 13.09s/it]train action loss : 525.2980803251266 | train target loss : 1519.305679321289  
1812 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123  
1813 train action loss : 525.1744307279587 | train target loss: 1519.  
2403309345245  
1814 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123  
1815 74% | [REDACTED] | 745/1000 [2:45:00<54 :00, 12.71s/it]train action loss : 525.3408207893372 | train target loss : 1519.1895077228546  
1816 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123  
1817 val action loss : 2087.0721489191055 | val target loss: 6057.469855546951  
1818 val action acc : 0.48014321976726787 | val target losaccs: 0.  
09263609946633837  
1819 75% | [REDACTED] | 747/1000 [2:45:34<1:01:05, 14.49s/it]train action loss : 525.2846518754959 | train target loss : 1519.0387542247772  
1820 train action acc : 0.4802937883844778

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1820 | train target acc: 0.  
09576371378650123  
1821 75%|██████| 748/1000 [2:45:46<57  
:35, 13.71s/it] train action loss :  
525.2260640859604 | train target loss  
: 1518.9519913196564  
1822 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1823 75%|██████| 749/1000 [2:45:58<54  
:46, 13.09s/it]train action loss :  
525.2866702079773 | train target loss  
: 1518.8727436065674  
1824 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1825 75%|██████| 750/1000 [2:46:10<52  
:43, 12.66s/it]train action loss :  
525.1924476623535 | train target loss  
: 1518.6931319236755  
1826 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1827 train action loss : 525.1754338741302  
| train target loss: 1518.  
7053916454315  
1828 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1829 val action loss : 2086.2891055345535  
| val target loss: 6055.303486824036
```

```
1830 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1831 75%|██████| 752/1000 [2:46:44<59
:40, 14.44s/it] train action loss :
525.2466895580292 | train target loss
: 1518.6170983314514
1832 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1833 75%|██████| 753/1000 [2:46:55<56
:05, 13.63s/it]train action loss :
525.1164759397507 | train target loss
: 1518.437441110611
1834 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1835 train action loss : 525.1389271020889
| train target loss: 1518.
4314138889313
1836 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1837 76%|██████| 755/1000 [2:47:19<51
:51, 12.70s/it]train action loss :
525.0649213790894 | train target loss
: 1518.2836837768555
1838 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1839 train action loss : 525.1502014398575
```

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1839 | train target loss: 1518.  
2634227275848  
1840 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1841 76%| [REDACTED] | 756/1000 [2:47:42<1:  
03:40, 15.66s/it]val action loss :  
2086.0846569538116 | val target loss  
: 6053.638471126556  
1842 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1843 train action loss : 525.0808024406433  
| train target loss: 1518.  
118260383606  
1844 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1845 76%| [REDACTED] | 758/1000 [2:48:05<55  
:05, 13.66s/it]train action loss :  
525.0798577070236 | train target loss  
: 1518.0055725574493  
1846 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1847 76%| [REDACTED] | 759/1000 [2:48:17<52  
:39, 13.11s/it]train action loss :  
525.1658008098602 | train target loss  
: 1517.9394323825836  
1848 train action acc : 0.4802937883844778  
| train target acc: 0.
```

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1848 09576371378650123
1849 train action loss : 525.0997154712677
    | train target loss: 1517.
    8271288871765
1850 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1851 76%|███████| 760/1000 [2:48:29<50
:40, 12.67s/it]train action loss :
525.0844733715057 | train target loss
: 1517.7658059597015
1852 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1853 val action loss : 2085.843330860138
    | val target loss: 6051.
    8182554244995
1854 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
1855 76%|███████| 762/1000 [2:49:03<57
:25, 14.48s/it] train action loss :
524.9524238109589 | train target loss
: 1517.6357028484344
1856 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1857 train action loss : 524.9299190044403
    | train target loss: 1517.
    5823855400085
1858 train action acc : 0.4802937883844778
```

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1858 | train target acc: 0.  
09576371378650123  
1859 76%|███████| 764/1000 [2:49:26<51  
:31, 13.10s/it]train action loss :  
524.9887555837631 | train target loss  
: 1517.4488530158997  
1860 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1861 train action loss : 524.9982258081436  
| train target loss: 1517.  
4123051166534  
1862 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1863 76%|███████| 765/1000 [2:49:38<49  
:33, 12.65s/it]train action loss :  
524.9438831806183 | train target loss  
: 1517.2573552131653  
1864 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1865 val action loss : 2085.8556389808655  
| val target loss: 6050.  
3070657253265  
1866 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1867 77%|███████| 767/1000 [2:50:13<56  
:23, 14.52s/it] train action loss :  
525.0728781223297 | train target loss
```

1867 : 1517.1805565357208  
1868 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1869 77%| [REDACTED] | 768/1000 [2:50:24<52  
:50, 13.67s/it]train action loss :  
525.0248934030533 | train target loss  
: 1517.029774427414  
1870 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1871 train action loss : 524.9261127710342  
| train target loss: 1517.  
0310180187225  
1872 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1873 77%| [REDACTED] | 770/1000 [2:50:48<49  
:06, 12.81s/it]train action loss :  
524.98206615448 | train target loss:  
1516.9256026744843  
1874 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1875 train action loss : 524.9122520685196  
| train target loss: 1516.  
8153734207153  
1876 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1877 77%| [REDACTED] | 771/1000 [2:51:11<59

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1877 :48, 15.67s/it]val action loss : 2085  
.5185499191284 | val target loss:  
6048.375353813171  
1878 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1879 77%|███████| 772/1000 [2:51:22<55  
:08, 14.51s/it]train action loss :  
524.8467962741852 | train target loss  
: 1516.7377519607544  
1880 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1881 train action loss : 524.8001683950424  
| train target loss: 1516.  
6593103408813  
1882 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1883 77%|███████| 774/1000 [2:51:46<49  
:38, 13.18s/it]train action loss :  
524.8782734870911 | train target loss  
: 1516.6398134231567  
1884 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1885 78%|███████| 775/1000 [2:51:58<47  
:47, 12.75s/it]train action loss :  
524.8642950057983 | train target loss  
: 1516.4265115261078  
1886 train action acc : 0.4802937883844778
```

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1886 | train target acc: 0.  
09576371378650123  
1887 train action loss : 524.8641829490662  
| train target loss: 1516.  
2847108840942  
1888 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1889 78%|███████| 776/1000 [2:52:20<58  
:21, 15.63s/it]val action loss : 2084  
.686134696007 | val target loss: 6046  
.387789964676  
1890 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1891 train action loss : 524.8700338602066  
| train target loss: 1516.  
290421962738  
1892 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1893 78%|███████| 778/1000 [2:52:44<50  
:29, 13.65s/it]train action loss :  
524.8436529636383 | train target loss  
: 1516.2403478622437  
1894 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1895 train action loss : 524.8642183542252  
| train target loss: 1516.  
093822002411
```

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1896 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1897 78%|███████| 780/1000 [2:53:07<46
:23, 12.65s/it]train action loss :
524.7089896202087 | train target loss
: 1516.018023967743
1898 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1899 train action loss : 524.7962101697922
| train target loss: 1515.
8832123279572
1900 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1901 val action loss : 2084.7062525749207
| val target loss: 6044.749336242676
1902 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
1903 78%|███████| 782/1000 [2:53:42<52
:39, 14.49s/it]train action loss :
524.7295496463776 | train target loss
: 1515.821869134903
1904 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1905 78%|███████| 783/1000 [2:53:53<49
:30, 13.69s/it]train action loss :
524.6993099451065 | train target loss
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1905 : 1515.8031237125397
1906 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1907 train action loss : 524.7290331125259
    | train target loss: 1515.
5248222351074
1908 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1909 78%|███████| 785/1000 [2:54:17<45
:32, 12.71s/it]train action loss :
524.6964173316956 | train target loss
: 1515.6249132156372
1910 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1911 train action loss : 524.6713341474533
    | train target loss: 1515.
4316675662994
1912 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
1913 79%|███████| 786/1000 [2:54:39<55
:53, 15.67s/it]val action loss : 2084
.4794560670853 | val target loss:
6042.905816316605
1914 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
1915 79%|███████| 787/1000 [2:54:51<51
```

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1915 :37, 14.54s/it]train action loss :  
524.6331031322479 | train target loss  
: 1515.3590805530548  
1916 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1917 train action loss : 524.5831481218338  
| train target loss: 1515.  
257157087326  
1918 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1919 79%|███████| 789/1000 [2:55:15<46  
:09, 13.13s/it]train action loss :  
524.662978887558 | train target loss  
: 1515.1479663848877  
1920 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1921 train action loss : 524.5313782691956  
| train target loss: 1515.  
0210111141205  
1922 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1923 79%|███████| 790/1000 [2:55:27<44  
:26, 12.70s/it]train action loss :  
524.60023188591 | train target loss:  
1514.9778444766998  
1924 train action acc : 0.4802937883844778  
| train target acc: 0.
```

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1924 09576371378650123
1925 val action loss : 2083.9825422763824
    | val target loss: 6041.300372123718
1926 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
1927 79%|███████| 792/1000 [2:56:01<50
:18, 14.51s/it]train action loss :
524.4887051582336 | train target loss
: 1514.8465991020203
1928 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1929 79%|███████| 793/1000 [2:56:13<47
:13, 13.69s/it]train action loss :
524.5642108917236 | train target loss
: 1514.809889793396
1930 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1931 train action loss : 524.5560432672501
    | train target loss: 1514.
    7412676811218
1932 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
1933 80%|███████| 795/1000 [2:56:36<43
:24, 12.70s/it]train action loss :
524.530411362648 | train target loss
: 1514.6580219268799
1934 train action acc : 0.4802937883844778
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1934 | train target acc: 0.  
09576371378650123  
1935 train action loss : 524.4882677793503  
| train target loss: 1514.  
5452768802643  
1936 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1937 val action loss : 2083.769101858139  
| val target loss: 6039.476271867752  
1938 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1939 80%|██████| 797/1000 [2:57:11<49  
:02, 14.49s/it]train action loss :  
524.4785614013672 | train target loss  
: 1514.474205493927  
1940 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1941 80%|██████| 798/1000 [2:57:23<46  
:08, 13.70s/it]train action loss :  
524.509462594986 | train target loss  
: 1514.325623035431  
1942 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1943 train action loss : 524.5166066884995  
| train target loss: 1514.  
2951500415802  
1944 train action acc : 0.4802937883844778
```

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1944 | train target acc: 0.  
09576371378650123  
1945 80%| [REDACTED] | 800/1000 [2:57:46<42  
:37, 12.79s/it]train action loss :  
524.4490900039673 | train target loss  
: 1514.1897399425507  
1946 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1947 train action loss : 524.4417591094971  
| train target loss: 1514.  
122320652008  
1948 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1949 80%| [REDACTED] | 801/1000 [2:58:09<52  
:04, 15.70s/it]val action loss : 2083  
.4615943431854 | val target loss:  
6037.831201314926  
1950 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1951 80%| [REDACTED] | 802/1000 [2:58:21<47  
:54, 14.52s/it]train action loss :  
524.3807182312012 | train target loss  
: 1514.0620982646942  
1952 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1953 train action loss : 524.3121608495712  
| train target loss: 1513.
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1953 889775276184  
1954 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1955 80%| [REDACTED] | 804/1000 [2:58:44<43  
:01, 13.17s/it]train action loss :  
524.3973059654236 | train target loss  
: 1513.8467421531677  
1956 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1957 train action loss : 524.3433471918106  
| train target loss: 1513.  
7827961444855  
1958 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1959 80%| [REDACTED] | 805/1000 [2:58:56<41  
:29, 12.77s/it]train action loss :  
524.4182379245758 | train target loss  
: 1513.736728668213  
1960 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1961 val action loss : 2082.931155204773  
| val target loss: 6035.944160461426  
1962 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1963 81%| [REDACTED] | 807/1000 [2:59:31<46  
:45, 14.54s/it]train action loss :

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1963 524.3004491329193 | train target loss
: 1513.5819947719574
1964 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1965 train action loss : 524.3242328166962
| train target loss: 1513.
4395518302917
1966 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1967 81%|███████| 809/1000 [2:59:54<41
:54, 13.17s/it]train action loss :
524.4316920042038 | train target loss
: 1513.4295375347137
1968 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1969 train action loss : 524.3372396230698
| train target loss: 1513.
3564813137054
1970 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
1971 81%|███████| 810/1000 [3:00:06<40
:26, 12.77s/it]train action loss :
524.2365880012512 | train target loss
: 1513.3178343772888
1972 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
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1973 val action loss : 2082.791553735733
  | val target loss: 6034.354547739029
1974 val action acc : 0.48014321976726787
  | val target losaccs: 0.
  09263609946633837
1975 81%|██████████| 812/1000 [3:00:41<45
  :36, 14.55s/it]train action loss :
  524.1359360218048 | train target loss
  : 1513.1548175811768
1976 train action acc : 0.4802937883844778
  | train target acc: 0.
  09576371378650123
1977 train action loss : 524.2774080038071
  | train target loss: 1513.
  1272294521332
1978 train action acc : 0.4802937883844778
  | train target acc: 0.
  09576371378650123
1979 81%|██████████| 814/1000 [3:01:05<41
  :13, 13.30s/it]train action loss :
  524.3005093336105 | train target loss
  : 1513.0104506015778
1980 train action acc : 0.4802937883844778
  | train target acc: 0.
  09576371378650123
1981 train action loss : 524.3403081893921
  | train target loss: 1512.
  9339492321014
1982 train action acc : 0.4802937883844778
  | train target acc: 0.
  09576371378650123
```

1983 82% | [REDACTED] | 815/1000 [3:01:17<39 :44, 12.89s/it]train action loss : 524.1250315904617 | train target loss : 1512.8197543621063

1984 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123

1985 val action loss : 2082.427202820778 | val target loss: 6032.874493122101

1986 val action acc : 0.48014321976726787 | val target losaccs: 0.  
09263609946633837

1987 82% | [REDACTED] | 817/1000 [3:01:51<44 :39, 14.64s/it]train action loss : 524.1957468986511 | train target loss : 1512.6997754573822

1988 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123

1989 train action loss : 524.256829738617 | train target loss: 1512.  
7376806735992

1990 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123

1991 82% | [REDACTED] | 819/1000 [3:02:15<40 :03, 13.28s/it]train action loss : 524.1288108825684 | train target loss : 1512.5481162071228

1992 train action acc : 0.4802937883844778 | train target acc: 0.

1992 09576371378650123  
1993 train action loss : 524.1376160383224  
| train target loss: 1512.  
5086328983307  
1994 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1995 82%| [REDACTED] | 820/1000 [3:02:27<38  
:38, 12.88s/it]train action loss :  
524.078479886055 | train target loss  
: 1512.4805266857147  
1996 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
1997 val action loss : 2082.1845338344574  
| val target loss: 6030.  
9906640052795  
1998 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
1999 82%| [REDACTED] | 822/1000 [3:03:02<43  
:30, 14.67s/it]train action loss :  
524.1246939897537 | train target loss  
: 1512.3215086460114  
2000 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2001 train action loss : 524.1087449789047  
| train target loss: 1512.  
1868522167206  
2002 train action acc : 0.4802937883844778

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2002 | train target acc: 0.  
09576371378650123  
2003 82%| [REDACTED] | 824/1000 [3:03:26<39  
:00, 13.30s/it]train action loss :  
524.0439846515656 | train target loss  
: 1512.121568441391  
2004 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2005 train action loss : 524.0221848487854  
| train target loss: 1512.  
0370602607727  
2006 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2007 82%| [REDACTED] | 825/1000 [3:03:38<37  
:29, 12.85s/it]train action loss :  
524.1587020158768 | train target loss  
: 1512.021746635437  
2008 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2009 val action loss : 2081.939184308052  
| val target loss: 6029.381699085236  
2010 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2011 83%| [REDACTED] | 827/1000 [3:04:12<42  
:07, 14.61s/it]train action loss :  
524.0107983350754 | train target loss  
: 1511.839323759079
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2012 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2013 train action loss : 524.0627088546753
| train target loss: 1511.
826316833496
2014 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2015 83%|███████| 829/1000 [3:04:36<37
:39, 13.22s/it]train action loss :
523.8981120586395 | train target loss
: 1511.6634554862976
2016 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2017 train action loss : 523.9125689268112
| train target loss: 1511.
6373314857483
2018 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2019 83%|███████| 830/1000 [3:04:48<36
:17, 12.81s/it]train action loss :
524.088892698288 | train target loss
: 1511.5619640350342
2020 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2021 83%|███████| 831/1000 [3:05:11<44
:34, 15.83s/it]val action loss : 2081
```

```
2021 .4428329467773 | val target loss:  
6027.9474177360535  
2022 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2023 train action loss : 523.9980847835541  
| train target loss: 1511.  
4741163253784  
2024 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2025 83%|███████| 833/1000 [3:05:36<39  
:21, 14.14s/it]train action loss :  
524.0083634853363 | train target loss  
: 1511.3591673374176  
2026 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2027 train action loss : 523.9401075839996  
| train target loss: 1511.  
299239873886  
2028 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2029 84%|███████| 835/1000 [3:06:00<35  
:47, 13.02s/it]train action loss :  
523.8940975666046 | train target loss  
: 1511.206629037857  
2030 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

```
2031 train action loss : 523.9593503475189
| train target loss: 1511.
2174997329712
2032 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2033 val action loss : 2081.383159160614
| val target loss: 6026.036403179169
2034 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2035 84%|███████| 837/1000 [3:06:34<40
:00, 14.73s/it]train action loss :
523.8413064479828 | train target loss
: 1511.0415844917297
2036 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2037 84%|███████| 838/1000 [3:06:46<37
:33, 13.91s/it]train action loss :
523.8362929821014 | train target loss
: 1510.948501110077
2038 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2039 train action loss : 523.9166378974915
| train target loss: 1510.
9259538650513
2040 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
```

```
2041 84%|██████| 840/1000 [3:07:10<34
:26, 12.91s/it]train action loss :
523.8652583360672 | train target loss
: 1510.8234550952911
2042 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2043 train action loss : 523.8364584445953
| train target loss: 1510.
708519935608
2044 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2045 val action loss : 2080.8857011795044
| val target loss: 6024.794116020203
2046 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2047 84%|██████| 842/1000 [3:07:45<38
:48, 14.74s/it]train action loss :
523.9073629379272 | train target loss
: 1510.6900045871735
2048 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2049 train action loss : 523.8362398147583
| train target loss: 1510.
5917298793793
2050 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
```

```
2051 84%|██████| 844/1000 [3:08:09<34
:37, 13.32s/it]train action loss :
523.8107075691223 | train target loss
: 1510.4951574802399
2052 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2053 train action loss : 523.7943196296692
| train target loss: 1510.
3827772140503
2054 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2055 84%|██████| 845/1000 [3:08:21<33
:22, 12.92s/it]train action loss :
523.7571941614151 | train target loss
: 1510.3555915355682
2056 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2057 85%|██████| 846/1000 [3:08:44<40
:46, 15.88s/it]val action loss : 2080
.7071982622147 | val target loss:
6023.052192926407
2058 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2059 train action loss : 523.6753627061844
| train target loss: 1510.
2415878772736
2060 train action acc : 0.4802937883844778
```

```
2060 | train target acc: 0.  
09576371378650123  
2061 85%|██████| 848/1000 [3:09:07<34  
:51, 13.76s/it]train action loss :  
523.8173666000366 | train target loss  
: 1510.1756534576416  
2062 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2063 train action loss : 523.7655857801437  
| train target loss: 1510.  
147126674652  
2064 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2065 85%|██████| 850/1000 [3:09:31<32  
:05, 12.84s/it]train action loss :  
523.6331976652145 | train target loss  
: 1510.0667889118195  
2066 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2067 train action loss : 523.7205605506897  
| train target loss: 1509.  
97376704216  
2068 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2069 val action loss : 2080.386157274246  
| val target loss: 6021.285037517548  
2070 val action acc : 0.48014321976726787
```

```
2070 | val target losaccs: 0.  
09263609946633837  
2071 85%|██████| 852/1000 [3:10:06<36  
:14, 14.69s/it]train action loss :  
523.7202171087265 | train target loss  
: 1509.854979276657  
2072 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2073 train action loss : 523.7455809116364  
| train target loss: 1509.  
8207259178162  
2074 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2075 85%|██████| 854/1000 [3:10:30<32  
:22, 13.31s/it]train action loss :  
523.7004852294922 | train target loss  
: 1509.7010593414307  
2076 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2077 train action loss : 523.6250387430191  
| train target loss: 1509.  
6579558849335  
2078 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2079 86%|██████| 855/1000 [3:10:42<31  
:13, 12.92s/it]train action loss :  
523.6599606275558 | train target loss
```

```
2079 : 1509.613439321518
2080 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2081 val action loss : 2079.929666042328
    | val target loss: 6019.
7933604717255
2082 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
2083 86%|██████████| 857/1000 [3:11:17<35
:06, 14.73s/it]train action loss :
523.5418874025345 | train target loss
: 1509.4592282772064
2084 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2085 86%|██████████| 858/1000 [3:11:29<32
:52, 13.89s/it]train action loss :
523.5807672739029 | train target loss
: 1509.376541852951
2086 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2087 train action loss : 523.5319385528564
    | train target loss: 1509.
293024778366
2088 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2089 86%|██████████| 860/1000 [3:11:52<30
```

```
2089 :05, 12.89s/it]train action loss :  
523.5299354791641 | train target loss  
: 1509.2479650974274  
2090 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2091 train action loss : 523.5354206562042  
| train target loss: 1509.  
1192133426666  
2092 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2093 val action loss : 2079.738828063011  
| val target loss: 6018.452835798264  
2094 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2095 86%|██████████| 862/1000 [3:12:27<33  
:53, 14.74s/it]train action loss :  
523.5948362350464 | train target loss  
: 1509.1756098270416  
2096 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2097 train action loss : 523.5244530439377  
| train target loss: 1509.  
0340583324432  
2098 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2099 86%|██████████| 864/1000 [3:12:51<30
```

```
2099 :12, 13.33s/it]train action loss :  
    523.5115059614182 | train target loss  
    : 1508.9537861347198  
2100 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
2101 train action loss : 523.3638054132462  
    | train target loss: 1508.  
    746465921402  
2102 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
2103 86%|███████| 865/1000 [3:13:03<28  
    :57, 12.87s/it]train action loss :  
    523.4510902166367 | train target loss  
    : 1508.8017241954803  
2104 train action acc : 0.4802937883844778  
    | train target acc: 0.  
    09576371378650123  
2105 87%|███████| 866/1000 [3:13:26<35  
    :27, 15.88s/it]val action loss : 2079  
.4871102571487 | val target loss:  
    6016.915952920914  
2106 val action acc : 0.48014321976726787  
    | val target losaccs: 0.  
    09263609946633837  
2107 train action loss : 523.5932188034058  
    | train target loss: 1508.  
    7242381572723  
2108 train action acc : 0.4802937883844778  
    | train target acc: 0.
```

```
2108 09576371378650123
2109 87%|██████████| 868/1000 [3:13:50<30
:28, 13.85s/it]train action loss :
523.5175914764404 | train target loss
: 1508.6563866138458
2110 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2111 train action loss : 523.4611815214157
| train target loss: 1508.
5356993675232
2112 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2113 87%|██████████| 870/1000 [3:14:14<28
:00, 12.93s/it]train action loss :
523.2539573907852 | train target loss
: 1508.4421396255493
2114 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2115 train action loss : 523.5469806194305
| train target loss: 1508.
4128892421722
2116 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2117 87%|██████████| 871/1000 [3:14:37<34
:19, 15.96s/it]val action loss : 2079
.2387396097183 | val target loss:
6015.210933685303
```

```
2118 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
2119 train action loss : 523.4429041147232
    | train target loss: 1508.
    2971069812775
2120 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2121 87%|██████████| 873/1000 [3:15:01<29
:36, 13.99s/it]train action loss :
523.3265203237534 | train target loss
: 1508.2432701587677
2122 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2123 train action loss : 523.383616566658
    | train target loss: 1508.
    168565750122
2124 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2125 88%|██████████| 875/1000 [3:15:25<26
:52, 12.90s/it]train action loss :
523.2727320194244 | train target loss
: 1508.0425593852997
2126 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2127 train action loss : 523.3980096578598
    | train target loss: 1507.
```

```
2127 9835493564606
2128 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2129 val action loss : 2078.962984919548
    | val target loss: 6013.92841386795
2130 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
2131 88%|██████████| 877/1000 [3:15:59<30
:07, 14.70s/it]train action loss :
523.3235578536987 | train target loss
: 1507.9277229309082
2132 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2133 train action loss : 523.294518828392
    | train target loss: 1507.
8469066619873
2134 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2135 88%|██████████| 879/1000 [3:16:23<26
:46, 13.27s/it]train action loss :
523.3394455909729 | train target loss
: 1507.8052988052368
2136 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2137 train action loss : 523.177276968956
    | train target loss: 1507.
```

```
2137 618839263916
2138 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2139 88%|███████| 880/1000 [3:16:35<25
:47, 12.89s/it]train action loss :
523.2338807582855 | train target loss
: 1507.6447958946228
2140 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2141 val action loss : 2078.6133781671524
    | val target loss: 6012.400166273117
2142 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
2143 88%|███████| 882/1000 [3:17:10<28
:57, 14.72s/it]train action loss :
523.2778294086456 | train target loss
: 1507.560613155365
2144 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2145 train action loss : 523.1746858358383
    | train target loss: 1507.
4566950798035
2146 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2147 88%|███████| 884/1000 [3:17:34<25
:44, 13.32s/it]train action loss :
```

```
2147 523.1370213031769 | train target loss
: 1507.336615562439
2148 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2149 train action loss : 523.1554789543152
| train target loss: 1507.
2944650650024
2150 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2151 88%|███████| 885/1000 [3:17:46<24
:44, 12.91s/it]train action loss :
523.0886775255203 | train target loss
: 1507.2774333953857
2152 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2153 val action loss : 2078.5579892396927
| val target loss: 6010.986083745956
2154 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2155 89%|███████| 887/1000 [3:18:21<27
:38, 14.68s/it]train action loss :
523.1074893474579 | train target loss
: 1507.1863932609558
2156 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2157 89%|███████| 888/1000 [3:18:33<25
```

```
2157 :48, 13.83s/it]train action loss :  
523.1176837682724 | train target loss  
: 1507.0726227760315  
2158 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2159 train action loss : 523.0952489376068  
| train target loss: 1507.  
0781118869781  
2160 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2161 89%|███████| 890/1000 [3:18:57<23  
:39, 12.90s/it]train action loss :  
523.090563416481 | train target loss  
: 1506.879947423935  
2162 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2163 train action loss : 523.11925137043  
| train target loss: 1506.  
7736794948578  
2164 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2165 89%|███████| 891/1000 [3:19:20<28  
:58, 15.95s/it]val action loss : 2077  
.9083108901978 | val target loss:  
6009.548463344574  
2166 val action acc : 0.48014321976726787  
| val target losaccs: 0.
```

2166 09263609946633837  
2167 89%|██████████| 892/1000 [3:19:32<26 :38, 14.80s/it]train action loss : 523.0564515590668 | train target loss : 1506.8208196163177  
2168 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123  
2169 89%|██████████| 893/1000 [3:19:44<24 :50, 13.93s/it]train action loss : 523.0433683395386 | train target loss : 1506.6954798698425  
2170 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123  
2171 89%|██████████| 894/1000 [3:19:56<23 :31, 13.32s/it]train action loss : 523.0199438333511 | train target loss : 1506.660852432251  
2172 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123  
2173 90%|██████████| 895/1000 [3:20:08<22 :35, 12.91s/it]train action loss : 522.9708918333054 | train target loss : 1506.549158334732  
2174 train action acc : 0.4802937883844778 | train target acc: 0.  
09576371378650123  
2175 train action loss : 522.9679868221283 | train target loss: 1506.

2175 498287677765  
2176 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2177 90%| [REDACTED] | 896/1000 [3:20:31<27  
:36, 15.93s/it]val action loss : 2077  
.638004422188 | val target loss: 6008  
.005294561386  
2178 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2179 train action loss : 522.9909044504166  
| train target loss: 1506.  
462717294693  
2180 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2181 90%| [REDACTED] | 898/1000 [3:20:55<23  
:47, 13.99s/it]train action loss :  
522.9750891923904 | train target loss  
: 1506.3055810928345  
2182 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2183 train action loss : 522.987949848175  
| train target loss: 1506.  
3756325244904  
2184 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2185 90%| [REDACTED] | 900/1000 [3:21:19<21

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2185 :37, 12.97s/it]train action loss :  
522.9007014036179 | train target loss  
: 1506.244514465332  
2186 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2187 train action loss : 522.9547525644302  
| train target loss: 1506.  
0883114337921  
2188 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2189 val action loss : 2077.3829687833786  
| val target loss: 6006.452710866928  
2190 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2191 90%|██████████| 902/1000 [3:21:54<24  
:14, 14.85s/it]train action loss :  
522.9394158124924 | train target loss  
: 1506.036369085312  
2192 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2193 train action loss : 522.9694892168045  
| train target loss: 1506.  
028314113617  
2194 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2195 90%|██████████| 904/1000 [3:22:18<21
```

```
2195 :19, 13.33s/it]train action loss :  
522.8127135038376 | train target loss  
: 1505.9540739059448  
2196 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2197 train action loss : 523.0018060207367  
| train target loss: 1505.  
878201007843  
2198 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2199 90%|███████| 905/1000 [3:22:30<20  
:35, 13.00s/it]train action loss :  
522.8495411872864 | train target loss  
: 1505.9017572402954  
2200 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2201 val action loss : 2076.8782320022583  
| val target loss: 6005.082550048828  
2202 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2203 91%|███████| 907/1000 [3:23:05<22  
:52, 14.76s/it]train action loss :  
522.8245408535004 | train target loss  
: 1505.7835779190063  
2204 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123
```

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2205 train action loss : 522.8128362894058
| train target loss: 1505.
6412138938904
2206 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2207 91%|██████████| 909/1000 [3:23:29<20
:14, 13.35s/it]train action loss :
522.8606870174408 | train target loss
: 1505.53750872612
2208 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2209 train action loss : 522.720545053482
| train target loss: 1505.
4778542518616
2210 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2211 91%|██████████| 910/1000 [3:23:41<19
:25, 12.95s/it]train action loss :
522.7234032154083 | train target loss
: 1505.3749086856842
2212 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2213 91%|██████████| 911/1000 [3:24:04<23
:38, 15.94s/it]val action loss : 2076
.7108561992645 | val target loss:
6003.88760137558
2214 val action acc : 0.48014321976726787
```

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2214 | val target losaccs: 0.  
09263609946633837  
2215 train action loss : 522.7766444683075  
| train target loss: 1505.  
2124638557434  
2216 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2217 91%|███████| 913/1000 [3:24:28<20  
:12, 13.93s/it]train action loss :  
522.7877581119537 | train target loss  
: 1505.2086787223816  
2218 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2219 91%|███████| 914/1000 [3:24:40<19  
:07, 13.35s/it]train action loss :  
522.7171894311905 | train target loss  
: 1505.2036006450653  
2220 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2221 92%|███████| 915/1000 [3:24:52<18  
:17, 12.91s/it]train action loss :  
522.7554287910461 | train target loss  
: 1505.1006681919098  
2222 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2223 train action loss : 522.7570486068726  
| train target loss: 1505.
```

```
2223 1219086647034
2224 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2225 val action loss : 2076.4078736305237
    | val target loss: 6002.379038333893
2226 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
2227 92%|██████████| 917/1000 [3:25:26<20
:15, 14.64s/it]train action loss :
522.5872087478638 | train target loss
: 1504.9966039657593
2228 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2229 92%|██████████| 918/1000 [3:25:38<18
:54, 13.83s/it]train action loss :
522.6003643274307 | train target loss
: 1504.8946249485016
2230 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2231 train action loss : 522.638235449791
    | train target loss: 1504.
802759885788
2232 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2233 92%|██████████| 920/1000 [3:26:02<17
:13, 12.92s/it]train action loss :
```

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2233 522.5857475996017 | train target loss
: 1504.7651212215424
2234 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2235 train action loss : 522.5261033773422
| train target loss: 1504.
6445212364197
2236 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2237 val action loss : 2076.1789541244507
| val target loss: 6001.145288705826
2238 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2239 92%|██████████| 922/1000 [3:26:37<19
:05, 14.68s/it]train action loss :
522.6408408880234 | train target loss
: 1504.5675525665283
2240 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2241 train action loss : 522.6488800048828
| train target loss: 1504.
5775356292725
2242 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2243 92%|██████████| 924/1000 [3:27:01<16
:51, 13.31s/it]train action loss :
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2243 522.4528480768204 | train target loss  
: 1504.49449634552  
2244 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2245 train action loss : 522.56802713871  
| train target loss: 1504.  
4615573883057  
2246 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2247 92%|███████| 925/1000 [3:27:13<16  
:03, 12.85s/it]train action loss :  
522.4220900535583 | train target loss  
: 1504.3533735275269  
2248 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2249 val action loss : 2075.495485186577  
| val target loss: 5999.630222797394  
2250 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2251 93%|███████| 927/1000 [3:27:48<17  
:52, 14.70s/it]train action loss :  
522.6063450574875 | train target loss  
: 1504.3042900562286  
2252 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2253 train action loss : 522.5153685808182
```

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2253 | train target loss: 1504.  
201147556305  
2254 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2255 93%| [REDACTED] | 929/1000 [3:28:11<15  
:40, 13.25s/it]train action loss :  
522.4098718166351 | train target loss  
: 1504.064123392105  
2256 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2257 93%| [REDACTED] | 930/1000 [3:28:23<14  
:57, 12.83s/it]train action loss :  
522.3489614725113 | train target loss  
: 1504.122698545456  
2258 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2259 train action loss : 522.4538116455078  
| train target loss: 1504.  
0519194602966  
2260 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2261 val action loss : 2075.2488145828247  
| val target loss: 5998.300355911255  
2262 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2263 93%| [REDACTED] | 932/1000 [3:28:58<16
```

```
2263 :35, 14.64s/it]train action loss :  
522.5319888591766 | train target loss  
: 1504.0046594142914  
2264 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2265 train action loss : 522.4213064908981  
| train target loss: 1503.  
8381838798523  
2266 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2267 93%|███████| 934/1000 [3:29:22<14  
:35, 13.26s/it]train action loss :  
522.4084658622742 | train target loss  
: 1503.8061215877533  
2268 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2269 train action loss : 522.3510639667511  
| train target loss: 1503.  
7419805526733  
2270 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2271 94%|███████| 935/1000 [3:29:34<13  
:54, 12.85s/it]train action loss :  
522.4117275476456 | train target loss  
: 1503.6888601779938  
2272 train action acc : 0.4802937883844778  
| train target acc: 0.
```

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2272 09576371378650123
2273 val action loss : 2074.7703276872635
    | val target loss: 5996.875835180283
2274 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
2275 94%|██████████| 937/1000 [3:30:08<15
:19, 14.59s/it]train action loss :
522.3375858068466 | train target loss
: 1503.568133354187
2276 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2277 train action loss : 522.2631363868713
    | train target loss: 1503.
5545287132263
2278 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2279 94%|██████████| 939/1000 [3:30:32<13
:24, 13.19s/it]train action loss :
522.2609012126923 | train target loss
: 1503.4152507781982
2280 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2281 train action loss : 522.3157720565796
    | train target loss: 1503.
372343301773
2282 train action acc : 0.4802937883844778
    | train target acc: 0.
```

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2282 09576371378650123
2283 94%|██████████| 940/1000 [3:30:44<12
:52, 12.87s/it]train action loss :
522.1816958189011 | train target loss
: 1503.2241480350494
2284 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2285 val action loss : 2074.847574234009
| val target loss: 5995.525944948196
2286 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2287 94%|██████████| 942/1000 [3:31:19<14
:08, 14.62s/it]train action loss :
522.2438477277756 | train target loss
: 1503.2579832077026
2288 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2289 94%|██████████| 943/1000 [3:31:30<13
:06, 13.80s/it]train action loss :
522.2892874479294 | train target loss
: 1503.1941061019897
2290 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2291 train action loss : 522.2056391239166
| train target loss: 1503.
1322906017303
2292 train action acc : 0.4802937883844778
```

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2292 | train target acc: 0.  
09576371378650123  
2293 94%|███████| 945/1000 [3:31:54<11  
:46, 12.84s/it]train action loss :  
522.1940796375275 | train target loss  
: 1503.1181290149689  
2294 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2295 train action loss : 522.1180535554886  
| train target loss: 1502.  
9109094142914  
2296 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2297 95%|███████| 946/1000 [3:32:17<14  
:10, 15.76s/it]val action loss : 2074  
.3196333646774 | val target loss:  
5994.31782746315  
2298 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2299 train action loss : 522.0953713655472  
| train target loss: 1502.  
7937388420105  
2300 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2301 95%|███████| 948/1000 [3:32:41<11  
:56, 13.78s/it]train action loss :  
522.2701160907745 | train target loss
```

```
2301 : 1502.9194345474243
2302 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2303 train action loss : 522.1081355810165
| train target loss: 1502.
6751539707184
2304 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2305 95%|██████████| 950/1000 [3:33:04<10
:42, 12.85s/it]train action loss :
522.1219244003296 | train target loss
: 1502.7319538593292
2306 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2307 train action loss : 522.0125428438187
| train target loss: 1502.
7001059055328
2308 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2309 95%|██████████| 951/1000 [3:33:27<12
:55, 15.83s/it]val action loss : 2073
.917132258415 | val target loss: 5992
.878591299057
2310 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2311 95%|██████████| 952/1000 [3:33:39<11
```

```
2311 :41, 14.62s/it]train action loss :  
521.9922093153 | train target loss:  
1502.5477027893066  
2312 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2313 95%|███████| 953/1000 [3:33:51<10  
:51, 13.85s/it]train action loss :  
522.0829071998596 | train target loss  
: 1502.5055871009827  
2314 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2315 train action loss : 522.0951874256134  
| train target loss: 1502.  
430204153061  
2316 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2317 96%|███████| 955/1000 [3:34:15<09  
:35, 12.78s/it]train action loss :  
522.1500935554504 | train target loss  
: 1502.4213299751282  
2318 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2319 train action loss : 521.9856600761414  
| train target loss: 1502.  
2982387542725  
2320 train action acc : 0.4802937883844778  
| train target acc: 0.
```

```
2320 09576371378650123
2321 val action loss : 2073.638829112053
    | val target loss: 5991.743076086044
2322 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
2323 96%|██████████| 957/1000 [3:34:49<10
:24, 14.53s/it]train action loss :
522.097987651825 | train target loss
: 1502.2059473991394
2324 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2325 train action loss : 521.9743201732635
    | train target loss: 1502.
2488102912903
2326 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2327 96%|██████████| 959/1000 [3:35:13<09
:02, 13.23s/it]train action loss :
521.8862820863724 | train target loss
: 1502.0632548332214
2328 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2329 96%|██████████| 960/1000 [3:35:25<08
:31, 12.80s/it]train action loss :
521.9931075572968 | train target loss
: 1502.1200952529907
2330 train action acc : 0.4802937883844778
```

```
2330 | train target acc: 0.  
09576371378650123  
2331 train action loss : 521.9270094633102  
| train target loss: 1501.  
948980808258  
2332 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2333 val action loss : 2073.3090518712997  
| val target loss: 5990.342178344727  
2334 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2335 96%|██████████| 962/1000 [3:36:00<09  
:17, 14.66s/it]train action loss :  
521.9126111268997 | train target loss  
: 1501.9669244289398  
2336 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2337 96%|██████████| 963/1000 [3:36:11<08  
:31, 13.83s/it]train action loss :  
521.9232438802719 | train target loss  
: 1501.820372581482  
2338 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2339 train action loss : 521.8111729621887  
| train target loss: 1501.  
8238372802734  
2340 train action acc : 0.4802937883844778
```

```
2340 | train target acc: 0.  
09576371378650123  
2341 96%|███████| 965/1000 [3:36:36<07  
:39, 13.12s/it]train action loss :  
521.9260251522064 | train target loss  
: 1501.7045404911041  
2342 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2343 train action loss : 521.8851039409637  
| train target loss: 1501.  
7005088329315  
2344 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2345 97%|███████| 966/1000 [3:36:59<09  
:04, 16.01s/it]val action loss : 2073  
.1443413496017 | val target loss:  
5989.17946434021  
2346 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2347 train action loss : 521.8220391273499  
| train target loss: 1501.  
577496290207  
2348 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2349 97%|███████| 968/1000 [3:37:23<07  
:23, 13.87s/it]train action loss :  
521.7917250394821 | train target loss
```

```
2349 : 1501.470867395401
2350 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2351 97%|██████████| 969/1000 [3:37:34<06
:50, 13.26s/it]train action loss :
521.8169465065002 | train target loss
: 1501.49715924263
2352 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2353 train action loss : 521.8650262355804
    | train target loss: 1501.
4611413478851
2354 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2355 97%|██████████| 970/1000 [3:37:46<06
:25, 12.85s/it]train action loss :
521.7055191993713 | train target loss
: 1501.377233505249
2356 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2357 97%|██████████| 971/1000 [3:38:09<07
:39, 15.84s/it]val action loss : 2072
.6042034626007 | val target loss:
5987.783619642258
2358 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
```

```
2359 train action loss : 521.7224055528641
| train target loss: 1501.
251739025116
2360 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2361 97%|███████| 973/1000 [3:38:33<06
:11, 13.74s/it]train action loss :
521.719535112381 | train target loss
: 1501.2361974716187
2362 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2363 train action loss : 521.6924154758453
| train target loss: 1501.
2150609493256
2364 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2365 98%|███████| 975/1000 [3:38:56<05
:19, 12.79s/it]train action loss :
521.6889778375626 | train target loss
: 1501.1005680561066
2366 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2367 train action loss : 521.6957530975342
| train target loss: 1501.
0462849140167
2368 train action acc : 0.4802937883844778
| train target acc: 0.
```

```
2368 09576371378650123
2369 val action loss : 2071.882327914238
    | val target loss: 5986.554824352264
2370 val action acc : 0.48014321976726787
    | val target losaccs: 0.
09263609946633837
2371 98%|██████████| 977/1000 [3:39:31<05
:34, 14.56s/it]train action loss :
521.5708575248718 | train target loss
: 1500.951148033142
2372 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2373 train action loss : 521.6992982625961
    | train target loss: 1500.
8715460300446
2374 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2375 98%|██████████| 979/1000 [3:39:55<04
:37, 13.21s/it]train action loss :
521.6253510713577 | train target loss
: 1500.828449010849
2376 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2377 train action loss : 521.6191030740738
    | train target loss: 1500.
8493766784668
2378 train action acc : 0.4802937883844778
    | train target acc: 0.
```

```
2378 09576371378650123
2379 98%|██████████| 980/1000 [3:40:06<04
:15, 12.76s/it]train action loss :
521.6425082683563 | train target loss
: 1500.7575826644897
2380 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2381 val action loss : 2071.7078391313553
| val target loss: 5985.278063058853
2382 val action acc : 0.48014321976726787
| val target losaccs: 0.
09263609946633837
2383 98%|██████████| 982/1000 [3:40:41<04
:21, 14.52s/it]train action loss :
521.5878441333771 | train target loss
: 1500.5702707767487
2384 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2385 train action loss : 521.5339924097061
| train target loss: 1500.
5170850753784
2386 train action acc : 0.4802937883844778
| train target acc: 0.
09576371378650123
2387 98%|██████████| 984/1000 [3:41:05<03
:31, 13.22s/it]train action loss :
521.6259046792984 | train target loss
: 1500.6038146018982
2388 train action acc : 0.4802937883844778
```

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2388 | train target acc: 0.  
09576371378650123  
2389 98%|██████| 985/1000 [3:41:16<03  
:12, 12.80s/it]train action loss :  
521.4275023937225 | train target loss  
: 1500.4128773212433  
2390 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2391 train action loss : 521.3675355911255  
| train target loss: 1500.  
315327167511  
2392 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2393 99%|██████| 986/1000 [3:41:39<03  
:40, 15.74s/it]val action loss : 2071  
.0176550149918 | val target loss:  
5983.897500514984  
2394 val action acc : 0.48014321976726787  
| val target losaccs: 0.  
09263609946633837  
2395 train action loss : 521.4388939142227  
| train target loss: 1500.  
3021547794342  
2396 train action acc : 0.4802937883844778  
| train target acc: 0.  
09576371378650123  
2397 99%|██████| 988/1000 [3:42:03<02  
:45, 13.78s/it]train action loss :  
521.3319557905197 | train target loss
```

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2397 : 1500.2502024173737
2398 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2399 train action loss : 521.395305275917
    | train target loss: 1500.
    1434998512268
2400 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2401 99%|██████████| 990/1000 [3:42:27<02
:08, 12.81s/it]train action loss :
521.5746448040009 | train target loss
: 1500.1912095546722
2402 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2403 train action loss : 521.3483680486679
    | train target loss: 1500.
    0805225372314
2404 train action acc : 0.4802937883844778
    | train target acc: 0.
    09576371378650123
2405 val action loss : 2070.775668859482
    | val target loss: 5982.964955329895
2406 val action acc : 0.48014321976726787
    | val target losaccs: 0.
    09263609946633837
2407 99%|██████████| 992/1000 [3:43:02<01
:58, 14.77s/it]train action loss :
521.4460580348969 | train target loss
```

```
2407 : 1500.1353116035461
2408 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2409 train action loss : 521.3322225809097
    | train target loss: 1499.
8991684913635
2410 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2411 99%|██████████| 994/1000 [3:43:26<01
:19, 13.28s/it]train action loss :
521.4658133983612 | train target loss
: 1499.912547826767
2412 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2413 train action loss : 521.3293769359589
    | train target loss: 1499.
801970243454
2414 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2415 100%|██████████| 995/1000 [3:43:37<01
:04, 12.82s/it]train action loss :
521.2208415269852 | train target loss
: 1499.7168633937836
2416 train action acc : 0.4802937883844778
    | train target acc: 0.
09576371378650123
2417 val action loss : 2070.722304582596
```

```
2417 | val target loss: 5981.767394542694
2418 val action acc : 0.48014321976726787
      | val target losaccs: 0.
      09263609946633837
2419 100%|██████████| 997/1000 [3:44:12<00
      :43, 14.55s/it]train action loss :
      521.1630470752716 | train target loss
      : 1499.6557755470276
2420 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
2421 train action loss : 521.1184134483337
      | train target loss: 1499.
      6223413944244
2422 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
2423 100%|██████████| 999/1000 [3:44:35<00
      :13, 13.18s/it]train action loss :
      521.1554703712463 | train target loss
      : 1499.5858047008514
2424 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
2425 train action loss : 521.1742333173752
      | train target loss: 1499.
      5228607654572
2426 train action acc : 0.4802937883844778
      | train target acc: 0.
      09576371378650123
2427 100%|██████████| 1000/1000 [3:44:47<
```

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2427 00:00, 13.49s/it]
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2428
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2429 Process finished with exit code 0
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2430
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