

Training for 2500000 steps ...

1091/2500000: episode: 1, duration: 4.095s, episode steps: 1091, steps per second: 266, episode reward: -18.000, mean r  
2053/2500000: episode: 2, duration: 2.827s, episode steps: 962, steps per second: 340, episode reward: -20.000, mean r  
2996/2500000: episode: 3, duration: 2.720s, episode steps: 943, steps per second: 347, episode reward: -21.000, mean r  
3959/2500000: episode: 4, duration: 2.823s, episode steps: 963, steps per second: 341, episode reward: -21.000, mean r  
4815/2500000: episode: 5, duration: 2.455s, episode steps: 856, steps per second: 349, episode reward: -20.000, mean r  
5639/2500000: episode: 6, duration: 2.407s, episode steps: 824, steps per second: 342, episode reward: -21.000, mean r  
6758/2500000: episode: 7, duration: 3.289s, episode steps: 1119, steps per second: 340, episode reward: -18.000, mean r  
7550/2500000: episode: 8, duration: 2.337s, episode steps: 792, steps per second: 339, episode reward: -21.000, mean r  
8374/2500000: episode: 9, duration: 2.375s, episode steps: 824, steps per second: 347, episode reward: -21.000, mean r  
9227/2500000: episode: 10, duration: 2.498s, episode steps: 853, steps per second: 341, episode reward: -21.000, mean r  
9991/2500000: episode: 11, duration: 2.229s, episode steps: 764, steps per second: 343, episode reward: -21.000, mean r  
10815/2500000: episode: 12, duration: 7.958s, episode steps: 824, steps per second: 104, episode reward: -21.000, mean r  
11676/2500000: episode: 13, duration: 5.940s, episode steps: 861, steps per second: 145, episode reward: -20.000, mean r  
12724/2500000: episode: 14, duration: 7.192s, episode steps: 1048, steps per second: 146, episode reward: -21.000, mean r  
13809/2500000: episode: 15, duration: 7.499s, episode steps: 1085, steps per second: 145, episode reward: -19.000, mean r  
14661/2500000: episode: 16, duration: 6.133s, episode steps: 852, steps per second: 139, episode reward: -21.000, mean r  
15425/2500000: episode: 17, duration: 5.187s, episode steps: 764, steps per second: 147, episode reward: -21.000, mean r  
16339/2500000: episode: 18, duration: 6.230s, episode steps: 914, steps per second: 147, episode reward: -21.000, mean r  
17103/2500000: episode: 19, duration: 5.183s, episode steps: 764, steps per second: 147, episode reward: -21.000, mean r  
17867/2500000: episode: 20, duration: 5.249s, episode steps: 764, steps per second: 146, episode reward: -21.000, mean r  
18779/2500000: episode: 21, duration: 6.182s, episode steps: 912, steps per second: 148, episode reward: -21.000, mean r  
19562/2500000: episode: 22, duration: 5.409s, episode steps: 783, steps per second: 145, episode reward: -21.000, mean r  
20465/2500000: episode: 23, duration: 6.139s, episode steps: 903, steps per second: 147, episode reward: -20.000, mean r  
21349/2500000: episode: 24, duration: 6.063s, episode steps: 884, steps per second: 146, episode reward: -21.000, mean r  
22171/2500000: episode: 25, duration: 5.617s, episode steps: 822, steps per second: 146, episode reward: -21.000, mean r  
23073/2500000: episode: 26, duration: 6.044s, episode steps: 902, steps per second: 149, episode reward: -20.000, mean r  
24027/2500000: episode: 27, duration: 6.389s, episode steps: 954, steps per second: 149, episode reward: -20.000, mean r  
24819/2500000: episode: 28, duration: 5.445s, episode steps: 792, steps per second: 145, episode reward: -21.000, mean r  
25583/2500000: episode: 29, duration: 5.266s, episode steps: 764, steps per second: 145, episode reward: -21.000, mean r  
26435/2500000: episode: 30, duration: 5.708s, episode steps: 852, steps per second: 149, episode reward: -21.000, mean r  
27227/2500000: episode: 31, duration: 5.414s, episode steps: 792, steps per second: 146, episode reward: -21.000, mean r  
28305/2500000: episode: 32, duration: 7.395s, episode steps: 1078, steps per second: 146, episode reward: -18.000, mean r  
29346/2500000: episode: 33, duration: 7.043s, episode steps: 1041, steps per second: 148, episode reward: -20.000, mean r  
30350/2500000: episode: 34, duration: 6.760s, episode steps: 1004, steps per second: 149, episode reward: -21.000, mean r  
31176/2500000: episode: 35, duration: 5.609s, episode steps: 826, steps per second: 147, episode reward: -21.000, mean r  
32062/2500000: episode: 36, duration: 6.085s, episode steps: 886, steps per second: 146, episode reward: -21.000, mean r  
32914/2500000: episode: 37, duration: 5.845s, episode steps: 852, steps per second: 146, episode reward: -21.000, mean r  
33991/2500000: episode: 38, duration: 7.322s, episode steps: 1077, steps per second: 147, episode reward: -18.000, mean r  
35093/2500000: episode: 39, duration: 7.557s, episode steps: 1102, steps per second: 146, episode reward: -20.000, mean r  
35997/2500000: episode: 40, duration: 6.171s, episode steps: 904, steps per second: 146, episode reward: -21.000, mean r  
36935/2500000: episode: 41, duration: 6.379s, episode steps: 938, steps per second: 147, episode reward: -19.000, mean r  
37834/2500000: episode: 42, duration: 6.123s, episode steps: 899, steps per second: 147, episode reward: -21.000, mean r  
38748/2500000: episode: 43, duration: 6.271s, episode steps: 914, steps per second: 146, episode reward: -21.000, mean r  
39550/2500000: episode: 44, duration: 5.479s, episode steps: 802, steps per second: 146, episode reward: -21.000, mean r  
40392/2500000: episode: 45, duration: 5.678s, episode steps: 842, steps per second: 148, episode reward: -20.000, mean r  
41566/2500000: episode: 46, duration: 7.999s, episode steps: 1174, steps per second: 147, episode reward: -19.000, mean r  
42395/2500000: episode: 47, duration: 5.602s, episode steps: 829, steps per second: 148, episode reward: -21.000, mean r  
43354/2500000: episode: 48, duration: 6.503s, episode steps: 959, steps per second: 147, episode reward: -20.000, mean r  
44178/2500000: episode: 49, duration: 5.570s, episode steps: 824, steps per second: 148, episode reward: -21.000, mean r  
45020/2500000: episode: 50, duration: 5.726s, episode steps: 842, steps per second: 147, episode reward: -20.000, mean r  
46071/2500000: episode: 51, duration: 7.285s, episode steps: 1051, steps per second: 144, episode reward: -20.000, mean r  
46961/2500000: episode: 52, duration: 6.382s, episode steps: 890, steps per second: 139, episode reward: -20.000, mean r  
48164/2500000: episode: 53, duration: 8.481s, episode steps: 1203, steps per second: 142, episode reward: -18.000, mean r  
49113/2500000: episode: 54, duration: 6.578s, episode steps: 949, steps per second: 144, episode reward: -20.000, mean r  
50073/2500000: episode: 55, duration: 6.606s, episode steps: 960, steps per second: 145, episode reward: -20.000, mean r  
51040/2500000: episode: 56, duration: 6.679s, episode steps: 967, steps per second: 145, episode reward: -20.000, mean r  
51832/2500000: episode: 57, duration: 5.471s, episode steps: 792, steps per second: 145, episode reward: -21.000, mean r  
52624/2500000: episode: 58, duration: 5.456s, episode steps: 792, steps per second: 145, episode reward: -21.000, mean r  
53673/2500000: episode: 59, duration: 7.267s, episode steps: 1049, steps per second: 144, episode reward: -21.000, mean r  
54754/2500000: episode: 60, duration: 7.507s, episode steps: 1081, steps per second: 144, episode reward: -20.000, mean r  
55685/2500000: episode: 61, duration: 6.344s, episode steps: 931, steps per second: 147, episode reward: -20.000, mean r  
56630/2500000: episode: 62, duration: 6.399s, episode steps: 945, steps per second: 148, episode reward: -19.000, mean r  
57413/2500000: episode: 63, duration: 5.289s, episode steps: 783, steps per second: 148, episode reward: -21.000, mean r  
58443/2500000: episode: 64, duration: 7.020s, episode steps: 1030, steps per second: 147, episode reward: -19.000, mean r  
59358/2500000: episode: 65, duration: 6.335s, episode steps: 915, steps per second: 144, episode reward: -21.000, mean r  
60289/2500000: episode: 66, duration: 6.344s, episode steps: 931, steps per second: 147, episode reward: -21.000, mean r  
61148/2500000: episode: 67, duration: 5.848s, episode steps: 859, steps per second: 147, episode reward: -20.000, mean r  
62116/2500000: episode: 68, duration: 6.508s, episode steps: 968, steps per second: 149, episode reward: -19.000, mean r  
63138/2500000: episode: 69, duration: 6.857s, episode steps: 1022, steps per second: 149, episode reward: -20.000, mean r  
63992/2500000: episode: 70, duration: 5.758s, episode steps: 854, steps per second: 148, episode reward: -21.000, mean r  
65026/2500000: episode: 71, duration: 7.097s, episode steps: 1034, steps per second: 146, episode reward: -21.000, mean r  
65968/2500000: episode: 72, duration: 6.397s, episode steps: 942, steps per second: 147, episode reward: -21.000, mean r  
66978/2500000: episode: 73, duration: 6.905s, episode steps: 1010, steps per second: 146, episode reward: -21.000, mean r  
67881/2500000: episode: 74, duration: 6.149s, episode steps: 903, steps per second: 147, episode reward: -20.000, mean r  
68794/2500000: episode: 75, duration: 6.224s, episode steps: 913, steps per second: 147, episode reward: -21.000, mean r  
69618/2500000: episode: 76, duration: 5.652s, episode steps: 824, steps per second: 146, episode reward: -21.000, mean r  
70548/2500000: episode: 77, duration: 6.289s, episode steps: 930, steps per second: 148, episode reward: -20.000, mean r  
71524/2500000: episode: 78, duration: 6.708s, episode steps: 976, steps per second: 146, episode reward: -21.000, mean r  
72439/2500000: episode: 79, duration: 6.220s, episode steps: 915, steps per second: 147, episode reward: -21.000, mean r  
73203/2500000: episode: 80, duration: 5.280s, episode steps: 764, steps per second: 145, episode reward: -21.000, mean r  
74268/2500000: episode: 81, duration: 7.298s, episode steps: 1065, steps per second: 146, episode reward: -21.000, mean r  
75182/2500000: episode: 82, duration: 6.165s, episode steps: 914, steps per second: 148, episode reward: -21.000, mean r  
76068/2500000: episode: 83, duration: 6.046s, episode steps: 886, steps per second: 147, episode reward: -21.000, mean r  
76894/2500000: episode: 84, duration: 5.648s, episode steps: 826, steps per second: 146, episode reward: -21.000, mean r  
77718/2500000: episode: 85, duration: 5.572s, episode steps: 824, steps per second: 148, episode reward: -21.000, mean r  
78542/2500000: episode: 86, duration: 5.619s, episode steps: 824, steps per second: 147, episode reward: -21.000, mean r  
79458/2500000: episode: 87, duration: 6.200s, episode steps: 916, steps per second: 148, episode reward: -21.000, mean r  
80465/2500000: episode: 88, duration: 6.883s, episode steps: 1007, steps per second: 146, episode reward: -21.000, mean r  
81385/2500000: episode: 89, duration: 6.264s, episode steps: 920, steps per second: 147, episode reward: -19.000, mean r  
82149/2500000: episode: 90, duration: 5.267s, episode steps: 764, steps per second: 145, episode reward: -21.000, mean r  
82913/2500000: episode: 91, duration: 5.174s, episode steps: 764, steps per second: 148, episode reward: -21.000, mean r  
83677/2500000: episode: 92, duration: 5.234s, episode steps: 764, steps per second: 146, episode reward: -21.000, mean r  
84529/2500000: episode: 93, duration: 5.849s, episode steps: 852, steps per second: 146, episode reward: -21.000, mean r

85559/2500000: episode: 94, duration: 7.014s, episode steps: 1030, steps per second: 147, episode reward: -21.000, mean  
86495/2500000: episode: 95, duration: 6.288s, episode steps: 936, steps per second: 149, episode reward: -21.000, mean  
87627/2500000: episode: 96, duration: 7.659s, episode steps: 1132, steps per second: 148, episode reward: -20.000, mean  
88479/2500000: episode: 97, duration: 5.754s, episode steps: 852, steps per second: 148, episode reward: -21.000, mean  
89472/2500000: episode: 98, duration: 6.678s, episode steps: 993, steps per second: 149, episode reward: -20.000, mean  
90660/2500000: episode: 99, duration: 8.012s, episode steps: 1188, steps per second: 148, episode reward: -19.000, mean  
91484/2500000: episode: 100, duration: 5.562s, episode steps: 824, steps per second: 148, episode reward: -21.000, mean  
92350/2500000: episode: 101, duration: 6.088s, episode steps: 866, steps per second: 142, episode reward: -20.000, mean  
93307/2500000: episode: 102, duration: 6.675s, episode steps: 957, steps per second: 143, episode reward: -21.000, mean  
94291/2500000: episode: 103, duration: 6.658s, episode steps: 984, steps per second: 148, episode reward: -20.000, mean  
95161/2500000: episode: 104, duration: 5.862s, episode steps: 870, steps per second: 148, episode reward: -20.000, mean  
96071/2500000: episode: 105, duration: 6.091s, episode steps: 910, steps per second: 149, episode reward: -21.000, mean  
97017/2500000: episode: 106, duration: 6.309s, episode steps: 946, steps per second: 150, episode reward: -21.000, mean  
97955/2500000: episode: 107, duration: 6.283s, episode steps: 938, steps per second: 149, episode reward: -21.000, mean  
99301/2500000: episode: 108, duration: 9.062s, episode steps: 1346, steps per second: 149, episode reward: -18.000, mean  
100762/2500000: episode: 109, duration: 9.722s, episode steps: 1461, steps per second: 150, episode reward: -19.000, mean  
101841/2500000: episode: 110, duration: 7.197s, episode steps: 1079, steps per second: 150, episode reward: -20.000, mean  
102804/2500000: episode: 111, duration: 6.461s, episode steps: 963, steps per second: 149, episode reward: -21.000, mean  
103996/2500000: episode: 112, duration: 8.193s, episode steps: 1192, steps per second: 145, episode reward: -18.000, mean  
105071/2500000: episode: 113, duration: 7.204s, episode steps: 1075, steps per second: 149, episode reward: -19.000, mean  
106665/2500000: episode: 114, duration: 10.684s, episode steps: 1594, steps per second: 149, episode reward: -16.000, mean  
107679/2500000: episode: 115, duration: 6.789s, episode steps: 1014, steps per second: 149, episode reward: -19.000, mean  
108654/2500000: episode: 116, duration: 6.602s, episode steps: 975, steps per second: 148, episode reward: -20.000, mean  
109714/2500000: episode: 117, duration: 7.175s, episode steps: 1060, steps per second: 148, episode reward: -19.000, mean  
110992/2500000: episode: 118, duration: 8.584s, episode steps: 1278, steps per second: 149, episode reward: -19.000, mean  
111862/2500000: episode: 119, duration: 5.859s, episode steps: 870, steps per second: 148, episode reward: -20.000, mean  
113423/2500000: episode: 120, duration: 10.543s, episode steps: 1561, steps per second: 148, episode reward: -14.000, mean  
114507/2500000: episode: 121, duration: 7.199s, episode steps: 1084, steps per second: 151, episode reward: -19.000, mean  
116213/2500000: episode: 122, duration: 11.562s, episode steps: 1706, steps per second: 148, episode reward: -17.000, mean  
117646/2500000: episode: 123, duration: 9.677s, episode steps: 1433, steps per second: 148, episode reward: -18.000, mean  
118667/2500000: episode: 124, duration: 6.988s, episode steps: 1021, steps per second: 146, episode reward: -19.000, mean  
119696/2500000: episode: 125, duration: 6.936s, episode steps: 1029, steps per second: 148, episode reward: -19.000, mean  
121289/2500000: episode: 126, duration: 10.887s, episode steps: 1593, steps per second: 146, episode reward: -19.000, mean  
122606/2500000: episode: 127, duration: 9.104s, episode steps: 1317, steps per second: 145, episode reward: -19.000, mean  
124067/2500000: episode: 128, duration: 10.074s, episode steps: 1461, steps per second: 145, episode reward: -19.000, mean  
125465/2500000: episode: 129, duration: 9.661s, episode steps: 1398, steps per second: 145, episode reward: -19.000, mean  
126577/2500000: episode: 130, duration: 7.677s, episode steps: 1112, steps per second: 145, episode reward: -20.000, mean  
127771/2500000: episode: 131, duration: 8.183s, episode steps: 1194, steps per second: 146, episode reward: -19.000, mean  
128641/2500000: episode: 132, duration: 5.951s, episode steps: 870, steps per second: 146, episode reward: -20.000, mean  
129773/2500000: episode: 133, duration: 7.882s, episode steps: 1132, steps per second: 144, episode reward: -18.000, mean  
131041/2500000: episode: 134, duration: 8.771s, episode steps: 1268, steps per second: 145, episode reward: -17.000, mean  
132119/2500000: episode: 135, duration: 7.411s, episode steps: 1078, steps per second: 145, episode reward: -20.000, mean  
133089/2500000: episode: 136, duration: 6.709s, episode steps: 970, steps per second: 145, episode reward: -21.000, mean  
134553/2500000: episode: 137, duration: 10.045s, episode steps: 1464, steps per second: 146, episode reward: -18.000, mean  
135939/2500000: episode: 138, duration: 9.534s, episode steps: 1386, steps per second: 145, episode reward: -18.000, mean  
137832/2500000: episode: 139, duration: 13.242s, episode steps: 1893, steps per second: 143, episode reward: -10.000, mean  
138691/2500000: episode: 140, duration: 6.138s, episode steps: 859, steps per second: 140, episode reward: -20.000, mean  
139885/2500000: episode: 141, duration: 8.220s, episode steps: 1194, steps per second: 145, episode reward: -18.000, mean  
141138/2500000: episode: 142, duration: 8.583s, episode steps: 1253, steps per second: 146, episode reward: -18.000, mean  
141963/2500000: episode: 143, duration: 5.680s, episode steps: 825, steps per second: 145, episode reward: -21.000, mean  
142884/2500000: episode: 144, duration: 6.331s, episode steps: 921, steps per second: 145, episode reward: -20.000, mean  
144473/2500000: episode: 145, duration: 11.035s, episode steps: 1589, steps per second: 144, episode reward: -17.000, mean  
145378/2500000: episode: 146, duration: 6.243s, episode steps: 905, steps per second: 145, episode reward: -20.000, mean  
146383/2500000: episode: 147, duration: 6.858s, episode steps: 1005, steps per second: 147, episode reward: -21.000, mean  
147749/2500000: episode: 148, duration: 9.483s, episode steps: 1366, steps per second: 144, episode reward: -18.000, mean  
149171/2500000: episode: 149, duration: 9.865s, episode steps: 1422, steps per second: 144, episode reward: -15.000, mean  
150259/2500000: episode: 150, duration: 7.457s, episode steps: 1088, steps per second: 146, episode reward: -18.000, mean  
151364/2500000: episode: 151, duration: 7.488s, episode steps: 1105, steps per second: 148, episode reward: -19.000, mean  
152322/2500000: episode: 152, duration: 6.631s, episode steps: 958, steps per second: 144, episode reward: -21.000, mean  
153654/2500000: episode: 153, duration: 9.102s, episode steps: 1332, steps per second: 146, episode reward: -17.000, mean  
154748/2500000: episode: 154, duration: 7.498s, episode steps: 1094, steps per second: 146, episode reward: -20.000, mean  
156087/2500000: episode: 155, duration: 9.165s, episode steps: 1339, steps per second: 146, episode reward: -18.000, mean  
157588/2500000: episode: 156, duration: 10.358s, episode steps: 1501, steps per second: 145, episode reward: -17.000, mean  
159107/2500000: episode: 157, duration: 10.332s, episode steps: 1519, steps per second: 147, episode reward: -17.000, mean  
160753/2500000: episode: 158, duration: 11.292s, episode steps: 1646, steps per second: 146, episode reward: -18.000, mean  
162059/2500000: episode: 159, duration: 9.015s, episode steps: 1306, steps per second: 145, episode reward: -20.000, mean  
163432/2500000: episode: 160, duration: 9.398s, episode steps: 1373, steps per second: 146, episode reward: -19.000, mean  
164853/2500000: episode: 161, duration: 9.754s, episode steps: 1421, steps per second: 146, episode reward: -20.000, mean  
166520/2500000: episode: 162, duration: 11.398s, episode steps: 1667, steps per second: 146, episode reward: -16.000, mean  
167543/2500000: episode: 163, duration: 6.982s, episode steps: 1023, steps per second: 147, episode reward: -20.000, mean  
168687/2500000: episode: 164, duration: 7.811s, episode steps: 1144, steps per second: 146, episode reward: -20.000, mean  
169816/2500000: episode: 165, duration: 7.786s, episode steps: 1129, steps per second: 145, episode reward: -19.000, mean  
172041/2500000: episode: 166, duration: 15.256s, episode steps: 2225, steps per second: 146, episode reward: -11.000, mean  
173853/2500000: episode: 167, duration: 12.393s, episode steps: 1812, steps per second: 146, episode reward: -16.000, mean  
175024/2500000: episode: 168, duration: 7.997s, episode steps: 1171, steps per second: 146, episode reward: -20.000, mean  
176884/2500000: episode: 169, duration: 12.631s, episode steps: 1860, steps per second: 147, episode reward: -16.000, mean  
178862/2500000: episode: 170, duration: 13.589s, episode steps: 1978, steps per second: 146, episode reward: -15.000, mean  
180636/2500000: episode: 171, duration: 12.168s, episode steps: 1774, steps per second: 146, episode reward: -18.000, mean  
182284/2500000: episode: 172, duration: 11.311s, episode steps: 1648, steps per second: 146, episode reward: -20.000, mean  
184855/2500000: episode: 173, duration: 17.839s, episode steps: 2571, steps per second: 144, episode reward: -8.000, mean  
186316/2500000: episode: 174, duration: 10.001s, episode steps: 1461, steps per second: 146, episode reward: -20.000, mean  
188124/2500000: episode: 175, duration: 12.362s, episode steps: 1808, steps per second: 146, episode reward: -18.000, mean  
190353/2500000: episode: 176, duration: 15.303s, episode steps: 2229, steps per second: 146, episode reward: -14.000, mean  
191725/2500000: episode: 177, duration: 9.370s, episode steps: 1372, steps per second: 146, episode reward: -19.000, mean  
193442/2500000: episode: 178, duration: 11.890s, episode steps: 1717, steps per second: 144, episode reward: -17.000, mean  
195164/2500000: episode: 179, duration: 11.774s, episode steps: 1722, steps per second: 146, episode reward: -15.000, mean  
196555/2500000: episode: 180, duration: 9.633s, episode steps: 1391, steps per second: 144, episode reward: -20.000, mean  
198024/2500000: episode: 181, duration: 10.115s, episode steps: 1469, steps per second: 145, episode reward: -20.000, mean  
199851/2500000: episode: 182, duration: 12.441s, episode steps: 1827, steps per second: 147, episode reward: -17.000, mean  
201650/2500000: episode: 183, duration: 12.309s, episode steps: 1799, steps per second: 146, episode reward: -16.000, mean  
203728/2500000: episode: 184, duration: 14.259s, episode steps: 2078, steps per second: 146, episode reward: -17.000, mean  
205145/2500000: episode: 185, duration: 9.778s, episode steps: 1417, steps per second: 145, episode reward: -15.000, mean  
206612/2500000: episode: 186, duration: 10.101s, episode steps: 1467, steps per second: 145, episode reward: -17.000, mean  
208517/2500000: episode: 187, duration: 13.131s, episode steps: 1905, steps per second: 145, episode reward: -17.000, mean  
210559/2500000: episode: 188, duration: 13.920s, episode steps: 2042, steps per second: 147, episode reward: -15.000, mean

212672/2500000: episode: 189, duration: 14.462s, episode steps: 2113, steps per second: 146, episode reward: -13.000, me  
214721/2500000: episode: 190, duration: 13.953s, episode steps: 2049, steps per second: 147, episode reward: -12.000, me  
216909/2500000: episode: 191, duration: 14.872s, episode steps: 2188, steps per second: 147, episode reward: -13.000, me  
219531/2500000: episode: 192, duration: 17.820s, episode steps: 2622, steps per second: 147, episode reward: -9.000, me  
221740/2500000: episode: 193, duration: 14.944s, episode steps: 2209, steps per second: 148, episode reward: -14.000, me  
223632/2500000: episode: 194, duration: 12.904s, episode steps: 1892, steps per second: 147, episode reward: -20.000, me  
226276/2500000: episode: 195, duration: 18.012s, episode steps: 2644, steps per second: 147, episode reward: -12.000, me  
228414/2500000: episode: 196, duration: 14.854s, episode steps: 2138, steps per second: 144, episode reward: -15.000, me  
230235/2500000: episode: 197, duration: 12.452s, episode steps: 1821, steps per second: 146, episode reward: -17.000, me  
232302/2500000: episode: 198, duration: 14.074s, episode steps: 2067, steps per second: 147, episode reward: -14.000, me  
234247/2500000: episode: 199, duration: 13.279s, episode steps: 1945, steps per second: 146, episode reward: -17.000, me  
236236/2500000: episode: 200, duration: 13.675s, episode steps: 1989, steps per second: 145, episode reward: -16.000, me  
238065/2500000: episode: 201, duration: 12.629s, episode steps: 1829, steps per second: 145, episode reward: -14.000, me  
239754/2500000: episode: 202, duration: 11.539s, episode steps: 1689, steps per second: 146, episode reward: -18.000, me  
241778/2500000: episode: 203, duration: 13.732s, episode steps: 2024, steps per second: 147, episode reward: -16.000, me  
244502/2500000: episode: 204, duration: 18.522s, episode steps: 2724, steps per second: 147, episode reward: -11.000, me  
247177/2500000: episode: 205, duration: 18.097s, episode steps: 2675, steps per second: 148, episode reward: -6.000, me  
249568/2500000: episode: 206, duration: 16.219s, episode steps: 2391, steps per second: 147, episode reward: -14.000, me  
251350/2500000: episode: 207, duration: 12.102s, episode steps: 1782, steps per second: 147, episode reward: -18.000, me  
253036/2500000: episode: 208, duration: 11.532s, episode steps: 1686, steps per second: 146, episode reward: -17.000, me  
255017/2500000: episode: 209, duration: 13.386s, episode steps: 1981, steps per second: 148, episode reward: -15.000, me  
257563/2500000: episode: 210, duration: 17.198s, episode steps: 2546, steps per second: 148, episode reward: -11.000, me  
259756/2500000: episode: 211, duration: 14.903s, episode steps: 2193, steps per second: 147, episode reward: -13.000, me  
261731/2500000: episode: 212, duration: 13.398s, episode steps: 1975, steps per second: 147, episode reward: -17.000, me  
264188/2500000: episode: 213, duration: 16.623s, episode steps: 2457, steps per second: 148, episode reward: -10.000, me  
266176/2500000: episode: 214, duration: 13.515s, episode steps: 1988, steps per second: 147, episode reward: -15.000, me  
268949/2500000: episode: 215, duration: 18.778s, episode steps: 2773, steps per second: 148, episode reward: -9.000, me  
271029/2500000: episode: 216, duration: 14.206s, episode steps: 2080, steps per second: 146, episode reward: -15.000, me  
273337/2500000: episode: 217, duration: 15.828s, episode steps: 2308, steps per second: 146, episode reward: -13.000, me  
276045/2500000: episode: 218, duration: 18.645s, episode steps: 2708, steps per second: 145, episode reward: -13.000, me  
278906/2500000: episode: 219, duration: 19.445s, episode steps: 2861, steps per second: 147, episode reward: -9.000, me  
281327/2500000: episode: 220, duration: 16.530s, episode steps: 2421, steps per second: 146, episode reward: -13.000, me  
282770/2500000: episode: 221, duration: 9.933s, episode steps: 1443, steps per second: 145, episode reward: -21.000, me  
285787/2500000: episode: 222, duration: 20.559s, episode steps: 3017, steps per second: 147, episode reward: -8.000, me  
288035/2500000: episode: 223, duration: 15.296s, episode steps: 2248, steps per second: 147, episode reward: -16.000, me  
290279/2500000: episode: 224, duration: 15.228s, episode steps: 2244, steps per second: 147, episode reward: -14.000, me  
292778/2500000: episode: 225, duration: 17.017s, episode steps: 2499, steps per second: 147, episode reward: -12.000, me  
295540/2500000: episode: 226, duration: 18.762s, episode steps: 2762, steps per second: 147, episode reward: -7.000, me  
298551/2500000: episode: 227, duration: 20.443s, episode steps: 3011, steps per second: 147, episode reward: -8.000, me  
300429/2500000: episode: 228, duration: 12.826s, episode steps: 1878, steps per second: 146, episode reward: -16.000, me  
301988/2500000: episode: 229, duration: 10.597s, episode steps: 1559, steps per second: 147, episode reward: -19.000, me  
304605/2500000: episode: 230, duration: 17.869s, episode steps: 2617, steps per second: 146, episode reward: -11.000, me  
307302/2500000: episode: 231, duration: 18.470s, episode steps: 2697, steps per second: 146, episode reward: -14.000, me  
309775/2500000: episode: 232, duration: 16.878s, episode steps: 2473, steps per second: 147, episode reward: -10.000, me  
312374/2500000: episode: 233, duration: 17.616s, episode steps: 2599, steps per second: 148, episode reward: -11.000, me  
314618/2500000: episode: 234, duration: 15.317s, episode steps: 2244, steps per second: 147, episode reward: -18.000, me  
317098/2500000: episode: 235, duration: 16.445s, episode steps: 2480, steps per second: 151, episode reward: -11.000, me  
319460/2500000: episode: 236, duration: 16.190s, episode steps: 2362, steps per second: 146, episode reward: -13.000, me  
321958/2500000: episode: 237, duration: 16.797s, episode steps: 2498, steps per second: 149, episode reward: -15.000, me  
324245/2500000: episode: 238, duration: 15.399s, episode steps: 2287, steps per second: 149, episode reward: -14.000, me  
326226/2500000: episode: 239, duration: 13.483s, episode steps: 1981, steps per second: 147, episode reward: -17.000, me  
328597/2500000: episode: 240, duration: 16.339s, episode steps: 2371, steps per second: 145, episode reward: -14.000, me  
331651/2500000: episode: 241, duration: 20.758s, episode steps: 3054, steps per second: 147, episode reward: -8.000, me  
334477/2500000: episode: 242, duration: 19.251s, episode steps: 2826, steps per second: 147, episode reward: -11.000, me  
336584/2500000: episode: 243, duration: 14.356s, episode steps: 2107, steps per second: 147, episode reward: -18.000, me  
338833/2500000: episode: 244, duration: 15.314s, episode steps: 2249, steps per second: 147, episode reward: -19.000, me  
341638/2500000: episode: 245, duration: 19.153s, episode steps: 2805, steps per second: 146, episode reward: -9.000, me  
344525/2500000: episode: 246, duration: 19.680s, episode steps: 2887, steps per second: 147, episode reward: -11.000, me  
346544/2500000: episode: 247, duration: 13.800s, episode steps: 2019, steps per second: 146, episode reward: -13.000, me  
349943/2500000: episode: 248, duration: 23.094s, episode steps: 3399, steps per second: 147, episode reward: -6.000, me  
352423/2500000: episode: 249, duration: 16.971s, episode steps: 2480, steps per second: 146, episode reward: -15.000, me  
355176/2500000: episode: 250, duration: 18.811s, episode steps: 2753, steps per second: 146, episode reward: -15.000, me  
357799/2500000: episode: 251, duration: 17.797s, episode steps: 2623, steps per second: 147, episode reward: -13.000, me  
361327/2500000: episode: 252, duration: 23.933s, episode steps: 3528, steps per second: 147, episode reward: -1.000, me  
364104/2500000: episode: 253, duration: 19.080s, episode steps: 2777, steps per second: 146, episode reward: -15.000, me  
367074/2500000: episode: 254, duration: 20.418s, episode steps: 2970, steps per second: 145, episode reward: -7.000, me  
369239/2500000: episode: 255, duration: 14.781s, episode steps: 2165, steps per second: 146, episode reward: -12.000, me  
371733/2500000: episode: 256, duration: 17.180s, episode steps: 2494, steps per second: 145, episode reward: -14.000, me  
374589/2500000: episode: 257, duration: 19.463s, episode steps: 2856, steps per second: 147, episode reward: -15.000, me  
376487/2500000: episode: 258, duration: 12.990s, episode steps: 1898, steps per second: 146, episode reward: -14.000, me  
378987/2500000: episode: 259, duration: 17.056s, episode steps: 2500, steps per second: 147, episode reward: -11.000, me  
380930/2500000: episode: 260, duration: 13.571s, episode steps: 1943, steps per second: 143, episode reward: -15.000, me  
383411/2500000: episode: 261, duration: 16.974s, episode steps: 2481, steps per second: 146, episode reward: -11.000, me  
385969/2500000: episode: 262, duration: 17.631s, episode steps: 2558, steps per second: 145, episode reward: -15.000, me  
388637/2500000: episode: 263, duration: 18.272s, episode steps: 2668, steps per second: 146, episode reward: -12.000, me  
391172/2500000: episode: 264, duration: 17.443s, episode steps: 2535, steps per second: 145, episode reward: -12.000, me  
394002/2500000: episode: 265, duration: 19.370s, episode steps: 2830, steps per second: 146, episode reward: -6.000, me  
395484/2500000: episode: 266, duration: 10.199s, episode steps: 1482, steps per second: 145, episode reward: -16.000, me  
397265/2500000: episode: 267, duration: 12.190s, episode steps: 1781, steps per second: 146, episode reward: -13.000, me  
398490/2500000: episode: 268, duration: 8.407s, episode steps: 1225, steps per second: 146, episode reward: -19.000, me  
400928/2500000: episode: 269, duration: 16.716s, episode steps: 2438, steps per second: 146, episode reward: -10.000, me  
403358/2500000: episode: 270, duration: 16.725s, episode steps: 2430, steps per second: 145, episode reward: -10.000, me  
405124/2500000: episode: 271, duration: 12.075s, episode steps: 1766, steps per second: 146, episode reward: -18.000, me  
407040/2500000: episode: 272, duration: 13.225s, episode steps: 1916, steps per second: 145, episode reward: -13.000, me  
408467/2500000: episode: 273, duration: 9.786s, episode steps: 1427, steps per second: 146, episode reward: -17.000, me  
410393/2500000: episode: 274, duration: 13.633s, episode steps: 1926, steps per second: 141, episode reward: -15.000, me  
412693/2500000: episode: 275, duration: 15.729s, episode steps: 2300, steps per second: 146, episode reward: -16.000, me  
415552/2500000: episode: 276, duration: 19.788s, episode steps: 2859, steps per second: 144, episode reward: -12.000, me  
417872/2500000: episode: 277, duration: 16.011s, episode steps: 2320, steps per second: 145, episode reward: -17.000, me  
420501/2500000: episode: 278, duration: 18.267s, episode steps: 2629, steps per second: 144, episode reward: -15.000, me  
422668/2500000: episode: 279, duration: 15.025s, episode steps: 2167, steps per second: 144, episode reward: -13.000, me  
425311/2500000: episode: 280, duration: 18.363s, episode steps: 2643, steps per second: 144, episode reward: -10.000, me  
428011/2500000: episode: 281, duration: 18.720s, episode steps: 2700, steps per second: 144, episode reward: -9.000, me  
430537/2500000: episode: 282, duration: 17.570s, episode steps: 2526, steps per second: 144, episode reward: -16.000, me  
433346/2500000: episode: 283, duration: 19.411s, episode steps: 2809, steps per second: 145, episode reward: -12.000, me

435996/2500000: episode: 284, duration: 18.282s, episode steps: 2650, steps per second: 145, episode reward: -12.000, me  
438612/2500000: episode: 285, duration: 17.972s, episode steps: 2616, steps per second: 146, episode reward: -10.000, me  
441113/2500000: episode: 286, duration: 17.146s, episode steps: 2501, steps per second: 146, episode reward: -13.000, me  
443755/2500000: episode: 287, duration: 18.043s, episode steps: 2642, steps per second: 146, episode reward: -10.000, me  
446387/2500000: episode: 288, duration: 18.037s, episode steps: 2632, steps per second: 146, episode reward: -8.000, me  
448874/2500000: episode: 289, duration: 16.948s, episode steps: 2487, steps per second: 147, episode reward: -9.000, me  
451502/2500000: episode: 290, duration: 17.921s, episode steps: 2628, steps per second: 147, episode reward: -8.000, me  
454218/2500000: episode: 291, duration: 18.793s, episode steps: 2716, steps per second: 145, episode reward: -12.000, me  
457167/2500000: episode: 292, duration: 20.269s, episode steps: 2949, steps per second: 145, episode reward: -9.000, me  
459475/2500000: episode: 293, duration: 16.049s, episode steps: 2308, steps per second: 144, episode reward: -10.000, me  
460678/2500000: episode: 294, duration: 8.306s, episode steps: 1203, steps per second: 145, episode reward: -21.000, me  
461940/2500000: episode: 295, duration: 8.633s, episode steps: 1262, steps per second: 146, episode reward: -19.000, me  
462897/2500000: episode: 296, duration: 6.572s, episode steps: 957, steps per second: 146, episode reward: -20.000, me  
465710/2500000: episode: 297, duration: 19.251s, episode steps: 2813, steps per second: 146, episode reward: -10.000, me  
468390/2500000: episode: 298, duration: 18.279s, episode steps: 2680, steps per second: 147, episode reward: -9.000, me  
470861/2500000: episode: 299, duration: 16.547s, episode steps: 2471, steps per second: 149, episode reward: -12.000, me  
473782/2500000: episode: 300, duration: 19.399s, episode steps: 2921, steps per second: 151, episode reward: -10.000, me  
476229/2500000: episode: 301, duration: 16.280s, episode steps: 2447, steps per second: 150, episode reward: -11.000, me  
478226/2500000: episode: 302, duration: 13.264s, episode steps: 1997, steps per second: 151, episode reward: -16.000, me  
480484/2500000: episode: 303, duration: 15.018s, episode steps: 2258, steps per second: 150, episode reward: -13.000, me  
484133/2500000: episode: 304, duration: 24.274s, episode steps: 3649, steps per second: 150, episode reward: -2.000, me  
486255/2500000: episode: 305, duration: 14.042s, episode steps: 2122, steps per second: 151, episode reward: -19.000, me  
488160/2500000: episode: 306, duration: 12.671s, episode steps: 1905, steps per second: 150, episode reward: -18.000, me  
490062/2500000: episode: 307, duration: 12.657s, episode steps: 1902, steps per second: 150, episode reward: -14.000, me  
492085/2500000: episode: 308, duration: 13.403s, episode steps: 2023, steps per second: 151, episode reward: -13.000, me  
494660/2500000: episode: 309, duration: 17.090s, episode steps: 2575, steps per second: 151, episode reward: -12.000, me  
497277/2500000: episode: 310, duration: 17.302s, episode steps: 2617, steps per second: 151, episode reward: -11.000, me  
499536/2500000: episode: 311, duration: 15.002s, episode steps: 2259, steps per second: 151, episode reward: -15.000, me  
501801/2500000: episode: 312, duration: 15.431s, episode steps: 2265, steps per second: 147, episode reward: -14.000, me  
504066/2500000: episode: 313, duration: 15.082s, episode steps: 2265, steps per second: 150, episode reward: -15.000, me  
506951/2500000: episode: 314, duration: 19.288s, episode steps: 2885, steps per second: 150, episode reward: -9.000, me  
509508/2500000: episode: 315, duration: 16.979s, episode steps: 2557, steps per second: 151, episode reward: -11.000, me  
512226/2500000: episode: 316, duration: 18.076s, episode steps: 2718, steps per second: 150, episode reward: -10.000, me  
514963/2500000: episode: 317, duration: 18.058s, episode steps: 2737, steps per second: 152, episode reward: -14.000, me  
517182/2500000: episode: 318, duration: 14.626s, episode steps: 2219, steps per second: 152, episode reward: -11.000, me  
519847/2500000: episode: 319, duration: 17.654s, episode steps: 2665, steps per second: 151, episode reward: -8.000, me  
521547/2500000: episode: 320, duration: 11.319s, episode steps: 1700, steps per second: 150, episode reward: -17.000, me  
524181/2500000: episode: 321, duration: 17.416s, episode steps: 2634, steps per second: 151, episode reward: -12.000, me  
526623/2500000: episode: 322, duration: 16.179s, episode steps: 2442, steps per second: 151, episode reward: -14.000, me  
529162/2500000: episode: 323, duration: 16.689s, episode steps: 2539, steps per second: 152, episode reward: -11.000, me  
531298/2500000: episode: 324, duration: 14.138s, episode steps: 2136, steps per second: 151, episode reward: -14.000, me  
534036/2500000: episode: 325, duration: 18.073s, episode steps: 2738, steps per second: 151, episode reward: -14.000, me  
537065/2500000: episode: 326, duration: 20.075s, episode steps: 3029, steps per second: 151, episode reward: -9.000, me  
538358/2500000: episode: 327, duration: 8.525s, episode steps: 1293, steps per second: 152, episode reward: -18.000, me  
540147/2500000: episode: 328, duration: 11.709s, episode steps: 1789, steps per second: 153, episode reward: -17.000, me  
542815/2500000: episode: 329, duration: 17.692s, episode steps: 2668, steps per second: 151, episode reward: -13.000, me  
546176/2500000: episode: 330, duration: 22.271s, episode steps: 3361, steps per second: 151, episode reward: -12.000, me  
549316/2500000: episode: 331, duration: 21.051s, episode steps: 3140, steps per second: 149, episode reward: -11.000, me  
551760/2500000: episode: 332, duration: 16.091s, episode steps: 2444, steps per second: 152, episode reward: -12.000, me  
554235/2500000: episode: 333, duration: 16.215s, episode steps: 2475, steps per second: 153, episode reward: -13.000, me  
557294/2500000: episode: 334, duration: 20.069s, episode steps: 3059, steps per second: 152, episode reward: -11.000, me  
560469/2500000: episode: 335, duration: 20.756s, episode steps: 3175, steps per second: 153, episode reward: -7.000, me  
563624/2500000: episode: 336, duration: 20.786s, episode steps: 3155, steps per second: 152, episode reward: -8.000, me  
566767/2500000: episode: 337, duration: 20.730s, episode steps: 3143, steps per second: 152, episode reward: -12.000, me  
569790/2500000: episode: 338, duration: 19.876s, episode steps: 3023, steps per second: 152, episode reward: -9.000, me  
572690/2500000: episode: 339, duration: 19.184s, episode steps: 2900, steps per second: 151, episode reward: -9.000, me  
575681/2500000: episode: 340, duration: 19.635s, episode steps: 2991, steps per second: 152, episode reward: -10.000, me  
577922/2500000: episode: 341, duration: 14.750s, episode steps: 2241, steps per second: 152, episode reward: -15.000, me  
580878/2500000: episode: 342, duration: 19.411s, episode steps: 2956, steps per second: 152, episode reward: -11.000, me  
583971/2500000: episode: 343, duration: 20.334s, episode steps: 3093, steps per second: 152, episode reward: -8.000, me  
586825/2500000: episode: 344, duration: 18.738s, episode steps: 2854, steps per second: 152, episode reward: -11.000, me  
589835/2500000: episode: 345, duration: 19.768s, episode steps: 3010, steps per second: 152, episode reward: -13.000, me  
592596/2500000: episode: 346, duration: 18.146s, episode steps: 2761, steps per second: 152, episode reward: -12.000, me  
595743/2500000: episode: 347, duration: 21.103s, episode steps: 3147, steps per second: 149, episode reward: -4.000, me  
598612/2500000: episode: 348, duration: 18.982s, episode steps: 2869, steps per second: 151, episode reward: -11.000, me  
601428/2500000: episode: 349, duration: 18.450s, episode steps: 2816, steps per second: 153, episode reward: -12.000, me  
604466/2500000: episode: 350, duration: 19.898s, episode steps: 3038, steps per second: 153, episode reward: -12.000, me  
607559/2500000: episode: 351, duration: 20.236s, episode steps: 3093, steps per second: 153, episode reward: -10.000, me  
610132/2500000: episode: 352, duration: 16.813s, episode steps: 2573, steps per second: 153, episode reward: -13.000, me  
613369/2500000: episode: 353, duration: 21.191s, episode steps: 3237, steps per second: 153, episode reward: -9.000, me  
616281/2500000: episode: 354, duration: 19.053s, episode steps: 2912, steps per second: 153, episode reward: -11.000, me  
619767/2500000: episode: 355, duration: 22.732s, episode steps: 3486, steps per second: 153, episode reward: -8.000, me  
622901/2500000: episode: 356, duration: 20.506s, episode steps: 3134, steps per second: 153, episode reward: -12.000, me  
626097/2500000: episode: 357, duration: 20.780s, episode steps: 3196, steps per second: 154, episode reward: -10.000, me  
629338/2500000: episode: 358, duration: 21.078s, episode steps: 3241, steps per second: 154, episode reward: -9.000, me  
632605/2500000: episode: 359, duration: 21.351s, episode steps: 3267, steps per second: 153, episode reward: -7.000, me  
635727/2500000: episode: 360, duration: 20.351s, episode steps: 3122, steps per second: 153, episode reward: -11.000, me  
637881/2500000: episode: 361, duration: 14.001s, episode steps: 2154, steps per second: 154, episode reward: -17.000, me  
641441/2500000: episode: 362, duration: 23.637s, episode steps: 3560, steps per second: 151, episode reward: -7.000, me  
644962/2500000: episode: 363, duration: 23.302s, episode steps: 3521, steps per second: 151, episode reward: -10.000, me  
648471/2500000: episode: 364, duration: 22.967s, episode steps: 3509, steps per second: 153, episode reward: -8.000, me  
651853/2500000: episode: 365, duration: 22.153s, episode steps: 3382, steps per second: 153, episode reward: -12.000, me  
654837/2500000: episode: 366, duration: 19.545s, episode steps: 2984, steps per second: 153, episode reward: -10.000, me  
657587/2500000: episode: 367, duration: 17.947s, episode steps: 2750, steps per second: 153, episode reward: -16.000, me  
660295/2500000: episode: 368, duration: 17.686s, episode steps: 2708, steps per second: 153, episode reward: -14.000, me  
662912/2500000: episode: 369, duration: 17.115s, episode steps: 2617, steps per second: 153, episode reward: -18.000, me  
666182/2500000: episode: 370, duration: 21.450s, episode steps: 3270, steps per second: 152, episode reward: -14.000, me  
668824/2500000: episode: 371, duration: 17.218s, episode steps: 2642, steps per second: 153, episode reward: -14.000, me  
672850/2500000: episode: 372, duration: 26.314s, episode steps: 4026, steps per second: 153, episode reward: -11.000, me  
676150/2500000: episode: 373, duration: 21.640s, episode steps: 3300, steps per second: 152, episode reward: -14.000, me  
679671/2500000: episode: 374, duration: 22.915s, episode steps: 3521, steps per second: 154, episode reward: -10.000, me  
683589/2500000: episode: 375, duration: 25.610s, episode steps: 3918, steps per second: 153, episode reward: -8.000, me  
686720/2500000: episode: 376, duration: 20.479s, episode steps: 3131, steps per second: 153, episode reward: -10.000, me  
689189/2500000: episode: 377, duration: 16.486s, episode steps: 2469, steps per second: 150, episode reward: -12.000, me  
691910/2500000: episode: 378, duration: 17.836s, episode steps: 2721, steps per second: 152, episode reward: -11.000, me

695050/2500000:	episode:	379,	duration:	20.419s,	episode	steps:	3140,	steps	per	second:	154,	episode	reward:	-12.000, me
698629/2500000:	episode:	380,	duration:	23.393s,	episode	steps:	3579,	steps	per	second:	153,	episode	reward:	-8.000, mea
701909/2500000:	episode:	381,	duration:	21.382s,	episode	steps:	3280,	steps	per	second:	153,	episode	reward:	-8.000, mea
705110/2500000:	episode:	382,	duration:	20.885s,	episode	steps:	3201,	steps	per	second:	153,	episode	reward:	-10.000, me
708514/2500000:	episode:	383,	duration:	22.254s,	episode	steps:	3404,	steps	per	second:	153,	episode	reward:	-10.000, me
711986/2500000:	episode:	384,	duration:	22.650s,	episode	steps:	3472,	steps	per	second:	153,	episode	reward:	-11.000, me
715413/2500000:	episode:	385,	duration:	22.435s,	episode	steps:	3427,	steps	per	second:	153,	episode	reward:	-5.000, mea
718526/2500000:	episode:	386,	duration:	20.391s,	episode	steps:	3113,	steps	per	second:	153,	episode	reward:	-9.000, mea
721404/2500000:	episode:	387,	duration:	18.862s,	episode	steps:	2878,	steps	per	second:	153,	episode	reward:	-13.000, me
725210/2500000:	episode:	388,	duration:	24.981s,	episode	steps:	3806,	steps	per	second:	152,	episode	reward:	-5.000, mea
728118/2500000:	episode:	389,	duration:	18.906s,	episode	steps:	2908,	steps	per	second:	154,	episode	reward:	-16.000, me
731186/2500000:	episode:	390,	duration:	19.982s,	episode	steps:	3068,	steps	per	second:	154,	episode	reward:	-8.000, mea
734352/2500000:	episode:	391,	duration:	20.706s,	episode	steps:	3166,	steps	per	second:	153,	episode	reward:	-13.000, me
737702/2500000:	episode:	392,	duration:	22.541s,	episode	steps:	3350,	steps	per	second:	149,	episode	reward:	-14.000, me
741674/2500000:	episode:	393,	duration:	26.020s,	episode	steps:	3972,	steps	per	second:	153,	episode	reward:	-10.000, me
745510/2500000:	episode:	394,	duration:	25.019s,	episode	steps:	3836,	steps	per	second:	153,	episode	reward:	-7.000, mea
748955/2500000:	episode:	395,	duration:	22.449s,	episode	steps:	3445,	steps	per	second:	153,	episode	reward:	-12.000, me
752553/2500000:	episode:	396,	duration:	23.467s,	episode	steps:	3598,	steps	per	second:	153,	episode	reward:	-10.000, me
753840/2500000:	episode:	397,	duration:	8.407s,	episode	steps:	1287,	steps	per	second:	153,	episode	reward:	-18.000, mea
758207/2500000:	episode:	398,	duration:	28.394s,	episode	steps:	4367,	steps	per	second:	154,	episode	reward:	-8.000, mea
762186/2500000:	episode:	399,	duration:	26.097s,	episode	steps:	3979,	steps	per	second:	152,	episode	reward:	-8.000, mea
764716/2500000:	episode:	400,	duration:	16.506s,	episode	steps:	2530,	steps	per	second:	153,	episode	reward:	-16.000, me
768053/2500000:	episode:	401,	duration:	21.878s,	episode	steps:	3337,	steps	per	second:	153,	episode	reward:	-8.000, mea
771867/2500000:	episode:	402,	duration:	24.955s,	episode	steps:	3814,	steps	per	second:	153,	episode	reward:	-9.000, mea
775192/2500000:	episode:	403,	duration:	21.727s,	episode	steps:	3325,	steps	per	second:	153,	episode	reward:	-8.000, mea
778700/2500000:	episode:	404,	duration:	22.871s,	episode	steps:	3508,	steps	per	second:	153,	episode	reward:	-8.000, mea
782080/2500000:	episode:	405,	duration:	22.144s,	episode	steps:	3380,	steps	per	second:	153,	episode	reward:	-13.000, me
785566/2500000:	episode:	406,	duration:	23.301s,	episode	steps:	3486,	steps	per	second:	150,	episode	reward:	-6.000, mea
789190/2500000:	episode:	407,	duration:	23.538s,	episode	steps:	3624,	steps	per	second:	154,	episode	reward:	-2.000, mea
792941/2500000:	episode:	408,	duration:	24.326s,	episode	steps:	3751,	steps	per	second:	154,	episode	reward:	-4.000, mea
796073/2500000:	episode:	409,	duration:	20.351s,	episode	steps:	3132,	steps	per	second:	154,	episode	reward:	-15.000, me
799485/2500000:	episode:	410,	duration:	22.216s,	episode	steps:	3412,	steps	per	second:	154,	episode	reward:	-7.000, mea
803197/2500000:	episode:	411,	duration:	24.195s,	episode	steps:	3712,	steps	per	second:	153,	episode	reward:	-10.000, me
806404/2500000:	episode:	412,	duration:	20.887s,	episode	steps:	3207,	steps	per	second:	154,	episode	reward:	-10.000, me
809594/2500000:	episode:	413,	duration:	20.805s,	episode	steps:	3190,	steps	per	second:	153,	episode	reward:	-15.000, me
813166/2500000:	episode:	414,	duration:	23.454s,	episode	steps:	3572,	steps	per	second:	152,	episode	reward:	-10.000, me
815964/2500000:	episode:	415,	duration:	18.362s,	episode	steps:	2798,	steps	per	second:	152,	episode	reward:	-18.000, me
818423/2500000:	episode:	416,	duration:	16.199s,	episode	steps:	2459,	steps	per	second:	152,	episode	reward:	-15.000, me
822154/2500000:	episode:	417,	duration:	24.437s,	episode	steps:	3731,	steps	per	second:	153,	episode	reward:	-7.000, mea
825588/2500000:	episode:	418,	duration:	22.488s,	episode	steps:	3434,	steps	per	second:	153,	episode	reward:	-13.000, me
828346/2500000:	episode:	419,	duration:	18.087s,	episode	steps:	2758,	steps	per	second:	152,	episode	reward:	-15.000, me
832030/2500000:	episode:	420,	duration:	24.817s,	episode	steps:	3684,	steps	per	second:	148,	episode	reward:	-10.000, me
836093/2500000:	episode:	421,	duration:	26.642s,	episode	steps:	4063,	steps	per	second:	153,	episode	reward:	-6.000, mea
839955/2500000:	episode:	422,	duration:	25.252s,	episode	steps:	3862,	steps	per	second:	153,	episode	reward:	-9.000, mea
843984/2500000:	episode:	423,	duration:	26.379s,	episode	steps:	4029,	steps	per	second:	153,	episode	reward:	-12.000, me
846790/2500000:	episode:	424,	duration:	18.233s,	episode	steps:	2806,	steps	per	second:	154,	episode	reward:	-17.000, me
850478/2500000:	episode:	425,	duration:	24.295s,	episode	steps:	3688,	steps	per	second:	152,	episode	reward:	-13.000, me
854483/2500000:	episode:	426,	duration:	26.413s,	episode	steps:	4005,	steps	per	second:	152,	episode	reward:	-8.000, mea
858567/2500000:	episode:	427,	duration:	26.600s,	episode	steps:	4084,	steps	per	second:	154,	episode	reward:	-9.000, mea
862551/2500000:	episode:	428,	duration:	25.796s,	episode	steps:	3984,	steps	per	second:	154,	episode	reward:	-9.000, mea
866759/2500000:	episode:	429,	duration:	27.148s,	episode	steps:	4208,	steps	per	second:	155,	episode	reward:	-4.000, mea
869893/2500000:	episode:	430,	duration:	20.187s,	episode	steps:	3134,	steps	per	second:	155,	episode	reward:	-14.000, me
873052/2500000:	episode:	431,	duration:	20.451s,	episode	steps:	3159,	steps	per	second:	154,	episode	reward:	-10.000, me
876071/2500000:	episode:	432,	duration:	19.576s,	episode	steps:	3019,	steps	per	second:	154,	episode	reward:	-9.000, mea
879566/2500000:	episode:	433,	duration:	23.078s,	episode	steps:	3495,	steps	per	second:	151,	episode	reward:	-4.000, mea
882910/2500000:	episode:	434,	duration:	21.727s,	episode	steps:	3344,	steps	per	second:	154,	episode	reward:	-8.000, mea
886952/2500000:	episode:	435,	duration:	26.283s,	episode	steps:	4042,	steps	per	second:	154,	episode	reward:	-3.000, mea
890568/2500000:	episode:	436,	duration:	23.600s,	episode	steps:	3616,	steps	per	second:	153,	episode	reward:	-7.000, mea
894002/2500000:	episode:	437,	duration:	22.313s,	episode	steps:	3434,	steps	per	second:	154,	episode	reward:	-13.000, me
897422/2500000:	episode:	438,	duration:	22.211s,	episode	steps:	3420,	steps	per	second:	154,	episode	reward:	-14.000, me
900241/2500000:	episode:	439,	duration:	18.400s,	episode	steps:	2819,	steps	per	second:	153,	episode	reward:	-10.000, me
903485/2500000:	episode:	440,	duration:	21.018s,	episode	steps:	3244,	steps	per	second:	154,	episode	reward:	-10.000, me
906798/2500000:	episode:	441,	duration:	21.454s,	episode	steps:	3313,	steps	per	second:	154,	episode	reward:	-9.000, mea
910528/2500000:	episode:	442,	duration:	24.212s,	episode	steps:	3730,	steps	per	second:	154,	episode	reward:	-10.000, me
913710/2500000:	episode:	443,	duration:	20.611s,	episode	steps:	3182,	steps	per	second:	154,	episode	reward:	-10.000, me
917833/2500000:	episode:	444,	duration:	26.697s,	episode	steps:	4123,	steps	per	second:	154,	episode	reward:	-9.000, mea
920828/2500000:	episode:	445,	duration:	19.321s,	episode	steps:	2995,	steps	per	second:	155,	episode	reward:	-13.000, me
924818/2500000:	episode:	446,	duration:	26.303s,	episode	steps:	3990,	steps	per	second:	152,	episode	reward:	2.000, mear
928026/2500000:	episode:	447,	duration:	21.045s,	episode	steps:	3208,	steps	per	second:	152,	episode	reward:	-9.000, mea
931660/2500000:	episode:	448,	duration:	23.558s,	episode	steps:	3634,	steps	per	second:	154,	episode	reward:	-9.000, mea
935412/2500000:	episode:	449,	duration:	24.297s,	episode	steps:	3752,	steps	per	second:	154,	episode	reward:	-9.000, mea
939336/2500000:	episode:	450,	duration:	25.577s,	episode	steps:	3924,	steps	per	second:	153,	episode	reward:	-1.000, mea
942774/2500000:	episode:	451,	duration:	22.480s,	episode	steps:	3438,	steps	per	second:	153,	episode	reward:	-11.000, me
946372/2500000:	episode:	452,	duration:	23.359s,	episode	steps:	3598,	steps	per	second:	154,	episode	reward:	-2.000, mea
950078/2500000:	episode:	453,	duration:	24.190s,	episode	steps:	3706,	steps	per	second:	153,	episode	reward:	-8.000, mea
954048/2500000:	episode:	454,	duration:	25.893s,	episode	steps:	3970,	steps	per	second:	153,	episode	reward:	-7.000, mea
957827/2500000:	episode:	455,	duration:	24.571s,	episode	steps:	3779,	steps	per	second:	154,	episode	reward:	-9.000, mea
961970/2500000:	episode:	456,	duration:	26.929s,	episode	steps:	4143,	steps	per	second:	154,	episode	reward:	-5.000, mea
965511/2500000:	episode:	457,	duration:	23.061s,	episode	steps:	3541,	steps	per	second:	154,	episode	reward:	-11.000, me
969572/2500000:	episode:	458,	duration:	26.555s,	episode	steps:	4061,	steps	per	second:	153,	episode	reward:	-8.000, mea
972520/2500000:	episode:	459,	duration:	19.479s,	episode	steps:	2948,	steps	per	second:	151,	episode	reward:	-9.000, mea
977306/2500000:	episode:	460,	duration:	31.436s,	episode	steps:	4786,	steps	per	second:	152,	episode	reward:	-8.000, mea
980999/2500000:	episode:	461,	duration:	24.090s,	episode	steps:	3693,	steps	per	second:	153,	episode	reward:	2.000, mear
984853/2500000:	episode:	462,	duration:	25.114s,	episode	steps:	3854,	steps	per	second:	153,	episode	reward:	-9.000, mea
987811/2500000:	episode:	463,	duration:	19.288s,	episode	steps:	2958,	steps	per	second:	153,	episode	reward:	-11.000, me
991466/2500000:	episode:	464,	duration:	23.851s,	episode	steps:	3655,	steps	per	second:	153,	episode	reward:	-7.000, mea
994870/2500000:	episode:	465,	duration:	22.264s,	episode	steps:	3404,	steps	per	second:	153,	episode	reward:	-8.000, mea
999317/2500000:	episode:	466,	duration:	29.122s,	episode	steps:	4447,	steps	per	second:	153,	episode	reward:	-4.000, mea
1002954/2500000:	episode:	467,	duration:	23.775s,	episode	steps:	3637,	steps	per	second:	153,	episode	reward:	-13.000, me
1006070/2500000:	episode:	468,	duration:	20.373s,	episode	steps:	3116,	steps	per	second:	153,	episode	reward:	-15.000, me
1008977/2500000:	episode:	469,	duration:	18.901s,	episode	steps:	2907,	steps	per	second:	154,	episode	reward:	-15.000, me
1011918/2500000:	episode:	470,	duration:	19.318s,	episode	steps:	2941,	steps	per	second:	152,	episode	reward:	-11.000, me
1016373/2500000:	episode:	471,	duration:	29.454s,	episode	steps:	4455,	steps	per	second:	151,	episode	reward:	-8.000, mea
1020545/2500000:	episode:	472,	duration:	27.715s,	episode	steps:	4172,	steps	per	second:	151,	episode	reward:	2.000, mear

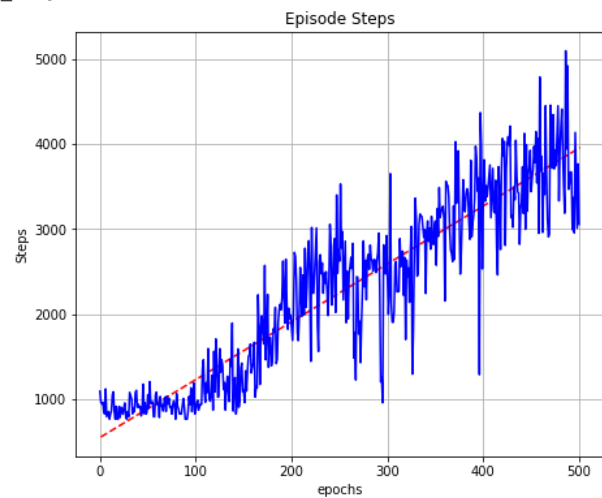
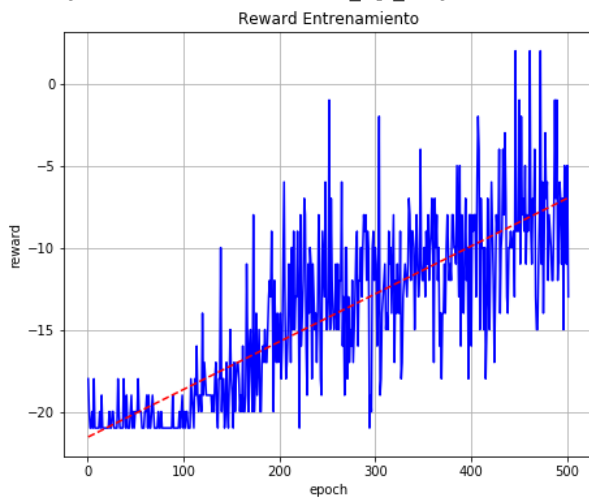
```

1024201/2500000: episode: 473, duration: 24.296s, episode steps: 3710, steps per second: 153, episode reward: -11.000, me
1028604/2500000: episode: 474, duration: 28.446s, episode steps: 4343, steps per second: 153, episode reward: -6.000, me
1032310/2500000: episode: 475, duration: 24.400s, episode steps: 3706, steps per second: 152, episode reward: -14.000, me
1036238/2500000: episode: 476, duration: 25.696s, episode steps: 3928, steps per second: 153, episode reward: -9.000, me
1039983/2500000: episode: 477, duration: 24.472s, episode steps: 3745, steps per second: 153, episode reward: -3.000, me
1044077/2500000: episode: 478, duration: 26.946s, episode steps: 4094, steps per second: 152, episode reward: -7.000, me
1048524/2500000: episode: 479, duration: 29.232s, episode steps: 4447, steps per second: 152, episode reward: -6.000, me
1051854/2500000: episode: 480, duration: 21.799s, episode steps: 3330, steps per second: 153, episode reward: -12.000, me
1055785/2500000: episode: 481, duration: 25.734s, episode steps: 3931, steps per second: 153, episode reward: -8.000, me
1059990/2500000: episode: 482, duration: 27.368s, episode steps: 4205, steps per second: 154, episode reward: -9.000, me
1064398/2500000: episode: 483, duration: 29.097s, episode steps: 4408, steps per second: 151, episode reward: -10.000, me
1068289/2500000: episode: 484, duration: 25.728s, episode steps: 3891, steps per second: 151, episode reward: -12.000, me
1071781/2500000: episode: 485, duration: 22.657s, episode steps: 3492, steps per second: 154, episode reward: -12.000, me
1074966/2500000: episode: 486, duration: 20.779s, episode steps: 3185, steps per second: 153, episode reward: -8.000, me
1080060/2500000: episode: 487, duration: 33.159s, episode steps: 5094, steps per second: 154, episode reward: -1.000, me
1084000/2500000: episode: 488, duration: 25.702s, episode steps: 3940, steps per second: 153, episode reward: -7.000, me
1088916/2500000: episode: 489, duration: 32.028s, episode steps: 4916, steps per second: 153, episode reward: -1.000, me
1092381/2500000: episode: 490, duration: 23.177s, episode steps: 3465, steps per second: 149, episode reward: -12.000, me
1095914/2500000: episode: 491, duration: 23.547s, episode steps: 3533, steps per second: 150, episode reward: -10.000, me
1099584/2500000: episode: 492, duration: 24.318s, episode steps: 3670, steps per second: 151, episode reward: -6.000, me
1103250/2500000: episode: 493, duration: 24.036s, episode steps: 3666, steps per second: 153, episode reward: -7.000, me
1106240/2500000: episode: 494, duration: 19.727s, episode steps: 2990, steps per second: 152, episode reward: -11.000, me
1109608/2500000: episode: 495, duration: 22.465s, episode steps: 3368, steps per second: 150, episode reward: -7.000, me
1112562/2500000: episode: 496, duration: 19.373s, episode steps: 2954, steps per second: 152, episode reward: -15.000, me
1116696/2500000: episode: 497, duration: 27.534s, episode steps: 4134, steps per second: 150, episode reward: -5.000, me
1120291/2500000: episode: 498, duration: 23.596s, episode steps: 3595, steps per second: 152, episode reward: -7.000, me
1123300/2500000: episode: 499, duration: 19.811s, episode steps: 3009, steps per second: 152, episode reward: -11.000, me
1127064/2500000: episode: 500, duration: 24.747s, episode steps: 3764, steps per second: 152, episode reward: -5.000, me
1130119/2500000: episode: 501, duration: 20.141s, episode steps: 3055, steps per second: 152, episode reward: -13.000, me

```

done, took 7562.877 seconds

Pesos guardados en: 202001121848\_dqn\_PongDeterministic-v0\_weights.h5f



Testing for 10 episodes ...

```

Episode 1: reward: 5.000, steps: 3574
Episode 2: reward: -3.000, steps: 3918
Episode 3: reward: 3.000, steps: 3864
Episode 4: reward: -3.000, steps: 4285
Episode 5: reward: -10.000, steps: 3264
Episode 6: reward: -5.000, steps: 4530
Episode 7: reward: 2.000, steps: 4218
Episode 8: reward: -3.000, steps: 4320
Episode 9: reward: 3.000, steps: 4062
Episode 10: reward: -6.000, steps: 3470
mean_reward: -1.7
mean_steps: 3950.5
(-1.7, 3950.5)

```

```

1 #my_hist_reward2=[]
2 #my_hist_steps2=[]
3 type(my_hist_reward2)
4 my_hist_reward=(train_history.history['episode_reward'])
5 my_hist_steps=(train_history.history['nb_episode_steps'])
6 my_hist_reward2 = my_hist_reward2 + my_hist_reward
7 my_hist_steps2 = my_hist_steps2 + my_hist_steps
8 type(my_hist_reward2)
9 print(len(my_hist_reward2))

```

