@@@ Training episode: 0

average loss: 10.786979675292969

average loss: 4.213760852813721

average loss: 1.530809760093689

average loss: 0.5791721940040588

average loss: 0.26850950717926025

average loss: 0.25528448820114136

average loss: 0.2842088043689728

average loss: 0.2626851797103882

average loss: 0.30779141187667847

average loss: 0.26594680547714233

average loss: 0.24696779251098633

average loss: 0.23502467572689056

average loss: 0.18166179955005646

average loss: 0.14947013556957245

average loss: 0.2082761824131012

average loss: 0.2202436327934265

average loss: 0.17948216199874878

average loss: 0.19075965881347656

average loss: 0.1806633323431015

average loss: 0.28281697630882263

average loss: 0.19616489112377167

average loss: 0.1746682971715927

average loss: 0.19407066702842712

##training took 512.4430148601532 seconds

evaluate for one episode...

total reward: -22.0

##evaluation took 474.36024713516235 seconds

@@@ Training episode: 1

average loss: 0.17723050713539124

average loss: 0.19899088144302368

average loss: 0.14166949689388275

average loss: 0.17936863005161285

average loss: 0.12159847468137741

average loss: 0.158042773604393

average loss: 0.2092362344264984

average loss: 0.1701129525899887

average loss: 0.15279410779476166

average loss: 0.18023356795310974

average loss: 0.1689695417881012

average loss: 0.17166505753993988

average loss: 0.11657348275184631

average loss: 0.16133834421634674

average loss: 0.15644091367721558

average loss: 0.11894018203020096

average loss: 0.17382729053497314

average loss: 0.1099819466471672

average loss: 0.10101962089538574

average loss: 0.09785577654838562

average loss: 0.18170085549354553

average loss: 0.10753682255744934

average loss: 0.09359005093574524

##training took 912.7834270000458 seconds

evaluate for one episode...

total reward: 3.0

##evaluation took 1929.085944890976 seconds

@@@ Training episode: 2

average loss: 0.09157275408506393

average loss: 0.09307386726140976

average loss: 0.12145334482192993

average loss: 0.09641435742378235

average loss: 0.11798177659511566

average loss: 0.08726340532302856

average loss: 0.16156911849975586

average loss: 0.08172351866960526

average loss: 0.10197986662387848

average loss: 0.095703125

average loss: 0.18664903938770294

average loss: 0.123476542532444

average loss: 0.08275119960308075

average loss: 0.07487521320581436

average loss: 0.07997118681669235

average loss: 0.15102039277553558

average loss: 0.17397476732730865

average loss: 0.0899064838886261

average loss: 0.19396616518497467

average loss: 0.14230848848819733

average loss: 0.13580913841724396

average loss: 0.08647210896015167

average loss: 0.11159586161375046

##training took 1345.3832049369812 seconds

evaluate for one episode...

total reward: 1.0

##evaluation took 1851.274071931839 seconds

@@@ Training episode: 3

average loss: 0.048261117190122604

average loss: 0.10458090901374817

average loss: 0.04217734932899475

average loss: 0.06676607578992844

average loss: 0.08678893744945526

average loss: 0.0842115581035614

average loss: 0.0757586881518364

average loss: 0.06984538584947586

average loss: 0.0654391422867775

average loss: 0.09282957762479782

average loss: 0.051446542143821716

average loss: 0.058307431638240814

average loss: 0.09338565170764923

average loss: 0.059823133051395416

average loss: 0.05552356690168381

average loss: 0.03330304101109505

average loss: 0.0595872700214386

average loss: 0.08053455501794815

average loss: 0.062404222786426544

average loss: 0.08523041009902954

average loss: 0.0455961674451828

average loss: 0.047559622675180435

average loss: 0.05973666533827782

##training took 1843.0269010066986 seconds

evaluate for one episode...

total reward: 1.0

##evaluation took 2509.193351984024 seconds

@@@ Training episode: 4

average loss: 0.02855359949171543

average loss: 0.03328079357743263

average loss: 0.07290219515562057

average loss: 0.0627506673336029

average loss: 0.05367152765393257

average loss: 0.04439854621887207

average loss: 0.08136206865310669

average loss: 0.032678909599781036

average loss: 0.05611760914325714

average loss: 0.053335849195718765

average loss: 0.06324829906225204

average loss: 0.04683176055550575

average loss: 0.048822592943906784

average loss: 0.03656066954135895

average loss: 0.09601043909788132

average loss: 0.0819317176938057

average loss: 0.058206286281347275

average loss: 0.061266593635082245

average loss: 0.04068128764629364

average loss: 0.03676753491163254

average loss: 0.046167273074388504

average loss: 0.0907629132270813

average loss: 0.04266326129436493

##training took 2350.406095981598 seconds

evaluate for one episode...

total reward: -1.0

##evaluation took 3218.270509004593 seconds

@@@ Training episode: 5

average loss: 0.04427928104996681

average loss: 0.058620378375053406

average loss: 0.044981714338064194

average loss: 0.02694256789982319

average loss: 0.047113437205553055

average loss: 0.02622021920979023

average loss: 0.03704500570893288

average loss: 0.03336264193058014

average loss: 0.031665533781051636

average loss: 0.03423045948147774

average loss: 0.054542869329452515

average loss: 0.034406937658786774

average loss: 0.016936171799898148

average loss: 0.055770907551050186

average loss: 0.024240465834736824

average loss: 0.08203057199716568

average loss: 0.04097229987382889

average loss: 0.02248147688806057

average loss: 0.035370975732803345

average loss: 0.05207161605358124

average loss: 0.0271519273519516

average loss: 0.03983317315578461

average loss: 0.025981588289141655

##training took 2980.0912969112396 seconds

evaluate for one episode...

total reward: -1.0

##evaluation took 3976.644041776657 seconds

@@@ Training episode: 6

average loss: 0.04458877444267273

average loss: 0.019760306924581528

average loss: 0.05347742140293121

average loss: 0.055374350398778915

average loss: 0.01489360723644495

average loss: 0.05117800831794739

average loss: 0.058276012539863586

average loss: 0.020563509315252304

average loss: 0.023456448689103127

average loss: 0.028304681181907654

average loss: 0.03151997923851013

average loss: 0.04040303826332092

average loss: 0.0647631287574768

average loss: 0.03112572431564331

average loss: 0.018538812175393105

average loss: 0.09208372235298157

average loss: 0.01706130988895893

average loss: 0.02534075453877449

average loss: 0.07197200506925583

average loss: 0.1265125721693039

average loss: 0.05376230552792549

average loss: 0.027638625353574753

average loss: 0.06028148531913757

##training took 3569.7534160614014 seconds

evaluate for one episode...

total reward: -15.0

##evaluation took 4758.713575839996 seconds

@@@ Training episode: 7

average loss: 0.10003920644521713

average loss: 0.05065557360649109

average loss: 0.07187163084745407

average loss: 0.06780795753002167

average loss: 0.036682017147541046

average loss: 0.041536636650562286

average loss: 0.034585028886795044

average loss: 0.03983429819345474

average loss: 0.08970607072114944

average loss: 0.02025420404970646

average loss: 0.020336957648396492

average loss: 0.028900250792503357

average loss: 0.037305835634469986

average loss: 0.014920976012945175

average loss: 0.034780070185661316

average loss: 0.028403349220752716

average loss: 0.06213705241680145

average loss: 0.021944405511021614

average loss: 0.0446455292403698

average loss: 0.0719006285071373

average loss: 0.04685400053858757

average loss: 0.04211379215121269

average loss: 0.05750131607055664

##training took 4297.543511867523 seconds

evaluate for one episode...

total reward: -10.0

##evaluation took 5529.7225551605225 seconds

@@@ Training episode: 8

average loss: 0.06272450089454651

average loss: 0.031355418264865875

average loss: 0.037943050265312195

average loss: 0.012224102392792702

average loss: 0.08633360266685486

average loss: 0.016196981072425842

average loss: 0.0074013411067426205

average loss: 0.01962938718497753

average loss: 0.02584724873304367

average loss: 0.07304384559392929

average loss: 0.020747795701026917

average loss: 0.06636790931224823

average loss: 0.06546924263238907

average loss: 0.07716962695121765

average loss: 0.020693490281701088

average loss: 0.01312351692467928

average loss: 0.07424966990947723

average loss: 0.011260505765676498

average loss: 0.1323642134666443

average loss: 0.04048661142587662

average loss: 0.024220161139965057

average loss: 0.08911655098199844

average loss: 0.038638725876808167

##training took 5068.19393491745 seconds

evaluate for one episode...

total reward: 11.0

##evaluation took 7544.677426815033 seconds

@@@ Training episode: 9

average loss: 0.07654707878828049

average loss: 0.059127017855644226

average loss: 0.05189141631126404

average loss: 0.06585617363452911

average loss: 0.024063944816589355

average loss: 0.05115188658237457

average loss: 0.026407752186059952

average loss: 0.03038160875439644

average loss: 0.06429269164800644

average loss: 0.029883088544011116

average loss: 0.032502006739377975

average loss: 0.0696408674120903

average loss: 0.02866865135729313

average loss: 0.0904519259929657

average loss: 0.04905322939157486

average loss: 0.021822791546583176

average loss: 0.08795729279518127

average loss: 0.07854357361793518

average loss: 0.03615919500589371

average loss: 0.0980561152100563

average loss: 0.061402395367622375

average loss: 0.043760135769844055

average loss: 0.027077103033661842

##training took 8081.2097380161285 seconds

evaluate for one episode...

total reward: -7.0