8 layers:

,0.08542931156200874

,0.07246871427836979

,0.060615914504032344

,0.05083672367028853

,0.0479881041274181

,0.042980031194658506

,0.03630175182878128

,0.03215030979590175

,0.029081949598215927

,0.02782571143745009

,0.024575221475815895

,0.022216296941547566

,0.020241581320724976

,0.019957938981945773

,0.018428529432491136

,0.017150366968033723

,0.01622449411328138

,0.01613557968679345

,0.015148308856295284

,0.014420202837007031

,0.013886936452674789

,0.013657124720018827

,0.013258365267988037

,0.012908363614080801

,0.012613282538129334

,0.012448101353438162

,0.012378685616728733

,0.012117358134780437

,0.011805651538459491

,0.011675993612609488

,0.011706121713213316

,0.011522980651213937

,0.011350984652665824

,0.011195401220603309

,0.01117789802594213

,0.011060367387646495

,0.010764030467445356

,0.010668766358345533

,0.010627004370464628

,0.010492098616737366

,0.010198701786710045

,0.01010679563104564

,0.010036390053918829

,0.00997960897568695

,0.009926415066853846

,0.00969244058590073

,0.009700805272098061

,0.00978867501290902

,0.009758423421830602

,0.009716182543782014

,0.009678051616819684

,0.00966285567474276

,0.00969007204683247

,0.00969286360568611

,0.009428152778938208

,0.009287096574324624

,0.00915379961510495

,0.008964001124231433

,0.00889759385162577

,0.008763426671730962

,0.008586859679593406

,0.008440628952381067

,0.008407110052357555

,0.008406903656317152

,0.008361467325184401

,0.00833512958714341

,0.008241700948936889

,0.008236819702032556

,0.008291540744867812

,0.008230297916919127

,0.008156948682411836

,0.008088660689454397

,0.00817891038339667

,0.008136816571249587

,0.008103855493999989

,0.00805339297891538

,0.00806899995188114

,0.00793600937410276

,0.007828663598237686

,0.007803447888127379

,0.007753017845082144

,0.0077040983896003385

,0.007576800643110441

,0.007569225003557179

,0.007603652632660317

,0.00761144904325473

,0.0074767371078733194

,0.007438703918633025

,0.007499387219157218

,0.007504386738846179

,0.007566291575590407

,0.0075768296982898975

,0.007494670519496098

,0.007410658260809301

,0.007330134300367762

,0.007301260916529374

,0.007251274463986488

,0.0072702002557688715

,0.007273376698301296

,0.007202361365141406

,0.007173237212994745

,0.00716196345024778

,0.007064347797481698

,0.0070524553404469606

,0.007078459834026584

,0.007036696034398398

,0.006997763925465119

,0.006956577845566106

,0.006926472452700291

,0.006919057456164597

,0.0069561053842287415

,0.007017415621459058

,0.006988316876443245

,0.007101071129818487

,0.007007121862251716

,0.007071554979005662

,0.0070112732676994175

,0.006930198399352114

,0.00687521132444878

,0.006776934166388288

,0.0067399613302620755

,0.006817324615375813

,0.006765642212096805

,0.006787011679363276

,0.0067717257736402275

,0.006633207583996194

,0.006554540407744136

,0.006514593680947947

,0.006581776479877526

,0.006602310737325486

,0.006489230115437794

,0.0065046434321585685

,0.006497215954483169

,0.006499955924561076

,0.006424481201888267

,0.0064358024643627375

,0.006463496236622308

,0.006490067465646777

,0.006429297183140513

,0.006375217815605875

,0.0063679330801529955

,0.006346699867596181

,0.006389871580009257

,0.006414419609076486

,0.006322402179365306

,0.006382516963324395

,0.006309005348660223

,0.006269796006429137

,0.006211796325834955

,0.006203765653885679

,0.006201318601789028

,0.006263781387140585

,0.006293645923994763

,0.006159005635791193

,0.006230830151344526

,0.0062013010041956345

,0.006158128826486969

,0.006120499043261811

,0.006093378157568021

,0.006118702860528277

,0.006151038562332505

,0.006150839722798202

,0.006113464938251324

,0.006152170477472763

,0.006112778886911414

,0.006104421696424807

,0.006117788588154501

,0.006020847039394765

,0.00605678739510008

,0.006006383692979854

,0.0059897105987425

,0.006048150648824326

,0.006000879481882463

,0.005970647284782145

,0.006011549997400955

,0.005956255119560577

,0.005969733667286329

,0.005961926066572986

,0.005904017441455458

,0.005929462451222594

,0.005932564548233905

,0.005989793598120824

,0.006023605361290287

,0.0059885457371912434

,0.006028145335448492

,0.006029808031241916

,0.005932305751481233

,0.005798842454956016

,0.005832607376529669

,0.005829352391707023

,0.00588728112509421

,0.005892430802959575

,0.005881200110653693

,0.00597384921653015

,0.0059787836679684805

,0.005918546200343897

,0.005818658020948534

,0.005830276343754764

,0.005761545466397434

,0.005695459511027278

,0.0056897783779873284

,0.005727484075559412

,0.0057216391278707545

,0.005783395024236536

,0.005858606507605693

,0.005866060527673676

,0.005868565086739824

,0.005834688902442215

,0.0058091815769183725

,0.005733297391586181

,0.005713924856069087

,0.005782161065680387

,0.005649288627346016

,0.005595075320257985

,0.005560866854160675

,0.005617424273759063

,0.005568221897638833

,0.0055723149503576755

,0.005565319955338801

,0.005563735365066586

,0.005588238583903161

,0.00554394389015356

,0.005446665263242393

,0.005395797979224999

7 layers:

,0.057837883449680785

,0.048588571590149975

,0.0457071025757279

,0.03818949827630457

,0.03267418381060961

,0.03065075360530327

,0.027780609395243086

,0.02462142874396037

,0.021779679869947097

,0.02152095868182967

,0.01935659871988074

,0.01760463376326969

,0.0168468345344582

,0.016283807945620087

,0.015175233723490203

,0.014306625573920847

,0.014049328457842548

,0.013300141383573993

,0.012780029018109082

,0.012405848864003746

,0.012198427608338981

,0.011679072115222225

,0.011238696325158186

,0.011201179750847256

,0.010879593924086928

,0.010730942267108726

,0.010399615805621725

,0.010173573883386487

,0.009993078108679755

,0.009837266543892997

,0.009772030551321363

,0.009521649369681919

,0.009342112017774304

,0.009251684890758494

,0.009241651340738313

,0.009072592794303176

,0.008904077387511618

,0.008888002824901218

,0.008780367478225082

,0.00867221143464889

,0.00853936679508656

,0.008532902293800028

,0.008315528972744618

,0.00811222295546045

,0.008073795239374806

,0.008125342205986302

,0.008073020716002185

,0.008005753819837005

,0.007907004178999553

,0.007868571519134317

,0.007793608600801229

,0.0077491492458419756

,0.0077288438361230675

,0.007635537006424143

,0.007546767422211591

,0.007542210792941783

,0.007524554256185761

,0.007512151728936548

,0.007455733285191773

,0.007371519223848767

,0.00736105171396245

,0.007484031714048936

,0.007487077271412909

,0.007402117045677025

,0.007298014955470001

,0.007297647558692567

,0.007303589968651423

,0.007313633261396327

,0.007316510265040052

,0.007333026982188979

,0.007339869127337163

,0.007339943427851655

,0.00732753222359843

,0.00732475645487652

,0.007323831630428136

,0.007318914959249967

,0.007356674247701612

,0.0073738575220262245

,0.007354910528675962

,0.0073543535581362075

,0.007353323941481897

,0.007339016833085205

,0.007339784347989502

,0.007331981583223424

,0.007325390163678016

,0.007363351805212192

,0.007353823439497496

,0.007337176715298614

,0.007343264639497812

,0.007328997604417871

,0.007333773569823556

,0.007337564922889129

,0.007355016283991016

,0.007342237719209442

,0.007344055371479669

,0.007331051353016748

,0.0073217503233568145

,0.007310005115726373

,0.007311686680450451

,0.007309220152625039

,0.007292649428073956

,0.007282909135430899

,0.007267875884526862

,0.0072559862033212096

,0.007259328516890283

,0.007244825139460107

,0.00723517179400939

,0.007261357686110022

,0.007247760331123713

,0.007234365737820154

,0.007229919874589376

,0.007223568871964571

,0.007221347782357985

,0.007206003363664902

,0.007196911607749959

,0.0071930377317975525

,0.0071971799997298585

,0.007202786569464354

,0.0072162669059191945

,0.007210206004874495

,0.007194538338138232

,0.007177245514907402

,0.007167265148108394

,0.0071657721710713974

,0.0071623067127304365

,0.007152971122284372

,0.007148681772756916

,0.007141814515916655

,0.007143763306186772

,0.007131059884777249

,0.0071375810684530415

,0.007143114198859385

,0.00715377418668405

,0.007142338280932511

,0.007126259839042089

,0.00711576105896638

,0.007110791304289357

,0.00709621423489665

,0.007096028404023165

,0.007100654743510299

,0.0071036550709892435

,0.007096472991522736

,0.007089145837276977

,0.00709771149026462

,0.00709774246337652

,0.007098500149146086

,0.007116688027099723

,0.007115853416182239

,0.007114296652875676

,0.007108524405068476

,0.007103201189554693

,0.007107874480376484

,0.007134494658233724

,0.007087396206166917

,0.0070435845088656695

,0.007058069546180794

,0.0070805904493864485

,0.007088908268700108

,0.0069703829054751035

,0.00687376378667863

,0.0068233600236875655

,0.006826716474058036

,0.006860845214958482

,0.006839253144745746

,0.006854009346652332

,0.006823925202339992

,0.006714152479526202

,0.006784039105020494

,0.006822302396651952

,0.006870479338800333

,0.006802852654221281

,0.006814363972476495

,0.006757921738668949

,0.0066536164965212774

,0.006680129970334674

,0.006585620029113519

,0.006606291911245494

,0.006559754557049575

,0.0065787358791428545

,0.006619682904716848

,0.006669765280858699

,0.006562904261641824

,0.006495976823480763

,0.006423762154524342

,0.006368588958277144

,0.006394804779956671

,0.006432031498055414

,0.006431950727947679

,0.006355520138855796

,0.006280149948928155

,0.0062075846797905974

,0.006256680674810199

,0.006231055050920367

,0.006163788545578694

,0.0062288015098868575

,0.006249073827859337

,0.006214267876171987

,0.006123126788601864

,0.006130409874615435

,0.006079016096593971

,0.00599033803191894

,0.0060742672470316785

,0.006052006088486634

,0.005992818107359919

,0.006170826646074414

,0.006142047854986677

,0.006095894288452361

,0.006050454532076315

,0.006014932344870363

,0.005991598546153638

,0.0060386899768222

,0.006005630454727025

,0.006060328315962239

,0.00605629345986342

,0.005992852752406367

,0.00604132198985857

,0.006005882131949214

,0.005903640962820835

,0.005825207511248223

,0.005812506495871514

,0.005882768886594866

,0.005950542417546565

,0.005887440962081983

,0.005866987861958184

,0.005819196797221245

,0.005865191162842213

,0.005892463072523836

,0.005837702141459183

,0.005793685658663233

,0.005811990537286344

,0.005836170663434531

,0.005846406902542016

,0.005917803206183486

,0.005851296710109104

,0.005882298880155322

,0.005809700585911153

,0.005877250650946855

,0.005878277482936283

,0.0057659301383991245

,0.005712892340368457

,0.005765492080051433

,0.005751850105772286

,0.00571905821494484

,0.005752582560084586

,0.005686415980413917

,0.005653551902106888

,0.00567920010658301

,0.005698898337476272

,0.005682993149491645

,0.0056846381293908545

,0.0057120836037177014

,0.005697344349714184

,0.005719994051766694

,0.00576225931629951

,0.005770139981543207

,0.005713355586381384

,0.0056721460750107176

,0.005653922624209885

,0.005572243859467727

,0.00556969172985284

,0.005566075406866681

,0.005577811332670783

,0.005535450184269038

,0.005527330893853319

,0.005559347953795198

,0.00553008335668182

,0.005493589268272399

,0.005563729882727807

,0.005563635927598997

,0.005547968886817692

5 layers:

,0.04479555406024182

,0.03903713121809844

,0.030136820108226162

,0.02709849433387275

,0.022647421706073333

,0.021106026416707842

,0.018865924484676413

,0.01754552031927108

,0.0166254443225208

,0.01542200632351634

,0.015073939431808132

,0.014326148034794916

,0.014170396784488191

,0.013935042546209187

,0.013708651464405825

,0.013300440543560851

,0.012995124361065436

,0.012777660751572573

,0.012434840884397324

,0.012361614763494663

,0.012089706476261702

,0.011932149482975442

,0.011662590032956194

,0.011609135806050103

,0.011602027728421687

,0.011393576682262917

,0.011313444359997737

,0.011189922775937626

,0.011160461795629304

,0.011083949398360025

,0.011014353129402377

,0.010911395662198455

,0.010697823259103059

,0.010560962800318999

,0.010334609256221783

,0.010304425823158731

,0.01025313920911782

,0.01017482540848507

,0.01013987701546213

,0.00996507354352815

,0.009978517078988555

,0.009937878940331577

,0.00984317149569742

,0.009792136345128582

,0.009768419572660099

,0.009571231556374135

,0.00958740963431105

,0.00946395969516569

,0.009424880209159965

,0.009392253493727595

,0.009252691005130976

,0.009198439589406856

,0.009150086313439424

,0.009153939742422663

,0.009016668387323266

,0.009003968623511898

,0.00900181880212745

,0.009021370557418794

,0.009017508452330018

,0.009026308958163691

,0.009031550366166631

,0.009025953746903612

,0.00902548756745022

,0.009009277067542397

,0.008987986691354668

,0.008996085151437197

,0.008973172193454426

,0.008938844301766339

,0.008957498908893155

,0.008952296790984391

,0.00894949588708768

,0.00893228067027309

,0.008944626712326622

,0.008934526193903506

,0.0089392137774711

,0.00890986918741873

,0.008917520773630925

,0.00891045298825016

,0.008894899112917543

,0.008897715991095245

,0.008886512104964632

,0.008877573537332095

,0.008865662738455557

,0.008853767671621032

,0.008823658752152724

,0.008749944407279065

,0.008719533437103888

,0.008686240193225718

,0.00868435608681799

,0.008691710588165175

,0.008729313853483448

,0.008724725725155745

,0.008710943945314074

,0.008713157593451575

,0.008726016033531483

,0.008724307380716452

,0.008720422520362278

,0.008748039585595028

,0.00874623379034449

,0.008590499405156047

,0.008637922272591416

,0.008533760520358142

,0.008469407856249294

,0.008450495401783527

,0.008406459294901409

,0.00840890433037577

,0.008421526815997992

,0.008404881821061808

,0.008351157696205846

,0.008185094094907908

,0.008181527411948062

,0.00812349572415358

,0.008151496435244517

,0.008138121968189208

,0.008015082086281706

,0.00799461429974119

,0.0079194299010838

,0.007853147403749067

,0.007890603042322588

,0.007898199794712474

,0.007894714128153596

,0.007899464981637986

,0.007885049060261527

,0.007899455491533161

,0.007888228965502408

,0.00788824279799255

,0.007876248723619526

,0.007870933834648729

,0.007872714452227815

,0.007863876769544791

,0.007865235729334879

,0.007868825806740875

,0.007867632892475962

,0.007849867905210604

,0.007836701582127062

,0.007834327806891403

,0.007835363716363395

,0.007848811840423171

,0.007835156016336267

,0.007852177130371965

,0.007856464305557139

,0.007862476742554948

,0.007865850331384084

,0.00788138649555634

,0.007859065388933934

,0.007882261564721047

,0.00787130535689816

,0.007861877338405513

,0.007871700528130488

,0.0078654986167531

,0.007867586567628322

,0.007860360575089391

,0.007848210878331064

,0.007849778295706213

,0.007855407590429426

,0.007840909895072306

,0.007838698324561938

,0.007827718443675446

,0.0078062232417546685

,0.007792352595856094

,0.007781440873951389

,0.007785817739889119

,0.007781571024217072

,0.007770556038584722

,0.007772497306806133

,0.007779447797496308

,0.007779129081262252

,0.0077712020912358085

,0.007763237279547799

,0.007764216783280516

,0.007759381342877876

,0.007746810114343162

,0.007736357702571622

,0.00771584560915699

,0.007672285908204566

,0.007670692656419495

,0.0076361800125007775

,0.00768250892110017

,0.0076852926766538925

,0.007578536775286851

,0.007631938749932705

,0.007593364864535263

,0.007590012290259477

,0.007482214671539541

,0.007457499028048957

,0.007524432638102405

,0.007522807242273156

,0.007471379410389317

,0.007564211960359338

,0.007516852502604233

,0.007296388884261653

,0.007407623829352806

,0.007343394722658423

,0.0072788014889806

,0.007286769415286327

,0.007246959314401054

,0.007241239286321428

,0.007209828638605116

,0.007177745498168662

,0.007258550228644873

,0.007284551488619541

,0.007198239472621685

,0.0073338493934265595

,0.0072497667651827205

,0.007229464482768673

,0.00720772930273472

,0.007052467761262588

,0.007053009527592577

layer 4:

,0.05676457463222381

,0.03847811807006076

,0.03213401801324588

,0.02822885302254806

,0.024520486274894355

,0.02302753448866816

,0.022016418441856804

,0.020773366100220125

,0.020217472331095793

,0.019748674904273233

,0.019161265982739803

,0.01880382184676821

,0.01840068450662523

,0.018015058830518526

,0.017692901415409506

,0.01730706776332852

,0.01730624802525918

,0.01728522646723649

,0.017244957268660183

,0.017127183307919836

,0.017036847081326967

,0.01694136089599258

,0.016542108074401145

,0.016257822783613783

,0.01616585679797876

,0.01582740229983582

,0.015504017270174114

,0.015281035413041807

,0.015146848896334247

,0.01503503956037414

,0.015090832162045735

,0.01478972636449951

,0.014822716834697767

,0.014675557653075613

,0.014255721889918837

,0.01405209202799838

,0.014094630311181293

,0.013959681587377102

,0.013916551575390209

,0.013672851229895883

,0.013659847898868488

,0.013431897397004223

,0.013231914083788309

,0.01314944493524137

,0.013122579720355904

,0.012949035271546271

,0.012815736060463085

,0.012826150702321347

,0.012721990887212759

,0.012700940608592892

,0.01256523735369838

,0.012367497014074158

,0.01218751845721224

,0.012129141450514976

,0.012120897702319009

,0.012126143351589999

,0.01212964025698665

,0.012231154498634246

,0.012047696625240455

,0.011958347498170385

,0.011770397544002692

,0.011844930964228144

,0.011740400452127984

,0.011714369282075856

,0.01154859045541176

,0.011635231707103275

,0.011759803679401342

,0.011514110099482446

,0.01138434928598542

,0.01138438078001565

,0.011239905513874016

,0.0113053555692882

,0.011281339992032026

,0.01129972997196084

,0.011194294665103464

,0.011120843675227116

,0.011157537070761019

,0.011027333811337138

,0.010976688312463064

,0.010957108663655683

,0.011039934314540135

,0.010853007322263119

,0.010788919825056014

,0.010858219345890225

,0.010779635889769854

,0.010791171244319858

,0.010727659188922834

,0.010705651620235087

,0.010647325165614847

,0.01067612442733897

,0.0107165764133136

,0.010690154061100195

,0.010644939163403555

,0.010560381757708383

,0.010579992633086604

,0.010630095529451994

,0.010552478700532388

,0.010532457643031165

,0.010385388152717709

,0.010373783164854907

,0.010312714928362275

,0.010322540359137997

,0.010366730440177087

,0.010507847758977517

,0.010389444641779318

,0.010377929620787497

,0.010308163251104821

,0.010442770075303934

,0.01030581408687927

,0.010348920303511686

,0.010231129274541513

,0.010317476477655546

,0.010151320510407695

,0.010273885625000341

,0.01015168210141431

,0.010128958194996544

,0.010129033289127494

,0.010174654493707979

,0.010044580448228708

,0.009994451831893032

,0.010083965339118683

,0.009973404422617608

,0.010096607458412682

,0.010201706695627175

,0.010137945572702155

layer 2:

Loss: 0.033674474155573605

,0.029534742534265416

,0.028959492123249584

,0.02820363551092865

,0.028008940544923373

,0.027482340434377535

,0.027272636318946768

,0.027401302548485173

,0.02748424555497997

,0.027323507607599017

,0.027087190304713262

,0.027144028988712404

,0.0268208577344071

,0.0267572680458125

,0.027011663936646054

,0.026483734561436243

,0.026830272238927942

,0.026464019866898753

,0.026798806383616355

,0.02664532709569074

,0.02655300537884918

,0.026748637364012715

,0.026710020007630644

,0.026357862552372165

,0.026624758039630637

,0.02642838189672944

,0.026605740915070144

,0.02660563778323323

,0.026329955493875644

,0.026745647867534295

,0.026971068628553498

,0.02642630794893385

,0.026760135074032455

,0.02658763453003342

,0.02663986378872362

,0.025935661963442148

,0.026401948456670186

,0.026521820779420165

,0.026218406185371006

,0.026464595864621812

,0.02682838721565641

,0.026888991534609306

,0.026860211735208663

,0.026667147766615187

,0.027027014162348546

,0.026886796267469208

,0.026607026178135075

,0.026470343140926927

,0.026542444717580806

,0.0265981803951209

,0.026633372666286608

,0.026258991633833707

,0.02651414650292473

,0.026605307688136903

,0.026392834382854957

,0.026916164208555447

,0.026407978994565522

,0.026389710821612424

,0.026581239720441192

,0.0265892504302041

,0.02668751591110831

,0.026635719351412502

,0.026549109897262595

,0.0268640457101155

,0.0265814362727987

,0.026554388319392122

,0.026858898721616817

,0.02642573509696514

,0.02639491665321272

,0.026681589059735934

,0.02678968762256514

,0.026398509567305682

,0.026618528733994055

,0.026310275898670858

,0.026193088884179903

,0.026263919586923014

,0.026857038789221285

,0.02619335449602939

,0.02666880932999524

,0.026572330495252358

,0.026532427118394413

,0.026410336349979482

,0.026395334038721657

,0.026584129365593227

,0.026775938906525094

,0.02663985712086573

,0.02632373467185901

,0.02641169594613239

,0.026359842522288335

,0.026568483557169453

,0.026444236537361263

,0.0263237503469282

,0.02660061960792425

,0.026455182404389755

,0.026553163667377682

,0.026449751882728714

,0.026349422046311934

,0.02677167232905699

,0.026687355270357357

,0.026659480571956818

,0.02642657781032169

,0.026550370586663687

,0.02614035429276889

,0.026455198258785492

,0.026715534672034212