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already agreed. See http://campus.leeds.ac.uk/isms for details.

3. Please report any problems via

https://intranet.engineering.leeds.ac.uk/it/help/

You will be issued with a request ticket via email.

There may be people using this system remotely - please do

not power it off without authorisation from Faculty IT staff.

[ml16m6y@comp-pc6067 ml16m6y]$ cd Downloads

[ml16m6y@comp-pc6067 Downloads]$ module add anaconda4/3.3.0

ModuleCmd\_Load.c(213):ERROR:105: Unable to locate a modulefile for 'anaconda4/3.3.0'

[ml16m6y@comp-pc6067 Downloads]$ module add anaconda3/4.4.0

[ml16m6y@comp-pc6067 Downloads]$ python schooling\_L3\_3.5.py idle

Testing average cycles for leadership strength 3.5

the leader1 dead using 781

the leader1 dead using 781

Number of cycles run: 1714

the leader1 dead using 447

Number of cycles run: 2873

the leader1 dead using 2908

the leader1 dead using 2908

Number of cycles run: 2952

the leader1 dead using 3375

the leader1 dead using 3375

Number of cycles run: 3898

the leader1 dead using 665

the leader1 dead using 665

Number of cycles run: 4278

the leader1 dead using 729

Number of cycles run: 2207

the leader1 dead using 2321

Number of cycles run: 3108

the leader1 dead using 226

the leader1 dead using 226

the leader1 dead using 226

the leader1 dead using 226

the leader1 dead using 226

Number of cycles run: 2038

the leader1 dead using 515

the leader1 dead using 515

the leader1 dead using 515

Number of cycles run: 4481

the leader1 dead using 1007

the leader1 dead using 1007

Number of cycles run: 2369

the leader1 dead using 436

the leader1 dead using 436

Number of cycles run: 2638

the leader1 dead using 2997

the leader1 dead using 2997

Number of cycles run: 4420

Number of cycles run: 50000

Number of cycles run: 14328

the leader1 dead using 192

the leader1 dead using 192

the leader1 dead using 192

the leader1 dead using 192

the leader1 dead using 192

Number of cycles run: 1629

Number of cycles run: 18662

the leader1 dead using 164

the leader1 dead using 164

the leader1 dead using 164

Number of cycles run: 2067

the leader1 dead using 5418

the leader1 dead using 5418

Number of cycles run: 5646

the leader1 dead using 321

Number of cycles run: 2645

the leader1 dead using 226

the leader1 dead using 226

Number of cycles run: 2366

the leader1 dead using 452

the leader1 dead using 452

Number of cycles run: 45631

the leader1 dead using 237

the leader1 dead using 237

the leader1 dead using 237

Number of cycles run: 2992

the leader1 dead using 290

Number of cycles run: 1595

Number of cycles run: 50000

the leader1 dead using 433

Number of cycles run: 50000

the leader1 dead using 1373

the leader1 dead using 1373

the leader1 dead using 1373

the leader1 dead using 1373

Number of cycles run: 2476

the leader1 dead using 3207

the leader1 dead using 3207

Number of cycles run: 4192

Number of cycles run: 50000

Number of cycles run: 11535

the leader1 dead using 449

Number of cycles run: 2496

the leader1 dead using 1020

the leader1 dead using 1020

the leader1 dead using 1020

Number of cycles run: 1547

the leader1 dead using 422

the leader1 dead using 422

the leader1 dead using 422

Number of cycles run: 2425

the leader1 dead using 298

the leader1 dead using 298

the leader1 dead using 298

Number of cycles run: 5643

the leader1 dead using 1351

Number of cycles run: 1878

the leader1 dead using 541

the leader1 dead using 541

the leader1 dead using 541

the leader1 dead using 541

Number of cycles run: 3815

Number of cycles run: 9540

Number of cycles run: 50000

the leader1 dead using 946

the leader1 dead using 946

the leader1 dead using 946

the leader1 dead using 946

the leader1 dead using 946

Number of cycles run: 7053

the leader1 dead using 13076

the leader1 dead using 13076

Number of cycles run: 14747

the leader1 dead using 197

the leader1 dead using 197

Number of cycles run: 7805

the leader1 dead using 787

the leader1 dead using 787

Number of cycles run: 2326

the leader1 dead using 1283

the leader1 dead using 1283

Number of cycles run: 33204

the leader1 dead using 961

Number of cycles run: 8639

the leader1 dead using 792

the leader1 dead using 792

the leader1 dead using 792

Number of cycles run: 1992

the leader1 dead using 1216

Number of cycles run: 1929

the leader1 dead using 664

the leader1 dead using 664

Number of cycles run: 3333

the leader1 dead using 213

the leader1 dead using 213

Number of cycles run: 1534

the leader1 dead using 694

the leader1 dead using 694

the leader1 dead using 694

the leader1 dead using 694

the leader1 dead using 694

the leader1 dead using 694

Number of cycles run: 4200

the leader1 dead using 13248

the leader1 dead using 13248

Number of cycles run: 13275

the leader1 dead using 13070

Number of cycles run: 13080

Av cycles for leadership strength 3.5 is 10864

standard diviation is 15406.4376426

Testing average cycles for leadership strength 3.5

the leader1 dead using 419

Number of cycles run: 50000

the leader1 dead using 577

Number of cycles run: 11184

the leader1 dead using 1212

Number of cycles run: 2704

the leader1 dead using 404

the leader1 dead using 404

Number of cycles run: 3413

the leader1 dead using 826

Number of cycles run: 3484

the leader1 dead using 939

the leader1 dead using 939

Number of cycles run: 2122

the leader1 dead using 3173

Number of cycles run: 3334

the leader1 dead using 208

Number of cycles run: 3621

the leader1 dead using 912

the leader1 dead using 912

the leader1 dead using 912

Number of cycles run: 2637

the leader1 dead using 320

the leader1 dead using 320

Number of cycles run: 2486

the leader1 dead using 336

the leader1 dead using 336

Number of cycles run: 50000

the leader1 dead using 446

the leader1 dead using 446

Number of cycles run: 50000

the leader1 dead using 915

Number of cycles run: 4724

the leader1 dead using 569

Number of cycles run: 40782

the leader1 dead using 321

the leader1 dead using 321

the leader1 dead using 321

the leader1 dead using 321

the leader1 dead using 321

Number of cycles run: 2308

the leader1 dead using 1375

Number of cycles run: 2476

the leader1 dead using 3220

the leader1 dead using 3220

Number of cycles run: 3452

the leader1 dead using 643

Number of cycles run: 2207

the leader1 dead using 11527

Number of cycles run: 12313

the leader1 dead using 204

the leader1 dead using 204

Number of cycles run: 6445

the leader1 dead using 195

the leader1 dead using 195

the leader1 dead using 195

the leader1 dead using 195

Number of cycles run: 2898

the leader1 dead using 267

the leader1 dead using 267

Number of cycles run: 3797

the leader1 dead using 632

the leader1 dead using 632

the leader1 dead using 632

the leader1 dead using 632

Number of cycles run: 2763

the leader1 dead using 285

Number of cycles run: 50000

Number of cycles run: 50000

the leader1 dead using 332

the leader1 dead using 332

Number of cycles run: 7863

Number of cycles run: 2843

the leader1 dead using 591

Number of cycles run: 17398

the leader1 dead using 230

the leader1 dead using 230

Number of cycles run: 2148

the leader1 dead using 613

Number of cycles run: 2012

the leader1 dead using 455

the leader1 dead using 455

the leader1 dead using 455

Number of cycles run: 50000

Number of cycles run: 33354

the leader1 dead using 2149

the leader1 dead using 2149

Number of cycles run: 3442

the leader1 dead using 414

the leader1 dead using 414

the leader1 dead using 414

Number of cycles run: 1651

the leader1 dead using 2661

Number of cycles run: 3233

the leader1 dead using 1170

Number of cycles run: 2090

the leader1 dead using 793

the leader1 dead using 793

the leader1 dead using 793

the leader1 dead using 793

the leader1 dead using 793

Number of cycles run: 3161

the leader1 dead using 3728

Number of cycles run: 3818

the leader1 dead using 163

Number of cycles run: 3884

the leader1 dead using 220

the leader1 dead using 220

the leader1 dead using 220

Number of cycles run: 3309

the leader1 dead using 3141

the leader1 dead using 3141

Number of cycles run: 3677

the leader1 dead using 693

the leader1 dead using 693

the leader1 dead using 693

Number of cycles run: 35140

the leader1 dead using 910

the leader1 dead using 910

Number of cycles run: 1781

the leader1 dead using 319

the leader1 dead using 319

Number of cycles run: 2892

the leader1 dead using 272

Number of cycles run: 23639

the leader1 dead using 211

the leader1 dead using 211

the leader1 dead using 211

Number of cycles run: 2328

the leader1 dead using 2365

the leader1 dead using 2365

the leader1 dead using 2365

the leader1 dead using 2365

Number of cycles run: 2737

the leader1 dead using 4545

Number of cycles run: 4998

the leader1 dead using 855

the leader1 dead using 855

Number of cycles run: 14670

the leader1 dead using 975

the leader1 dead using 975

the leader1 dead using 975

the leader1 dead using 975

Number of cycles run: 3640

Av cycles for leadership strength 3.5 is 12097

standard diviation is 16584.4076406

Testing average cycles for leadership strength 3.5

the leader1 dead using 167

the leader1 dead using 167

the leader1 dead using 167

Number of cycles run: 1645

the leader1 dead using 361

Number of cycles run: 14082

the leader1 dead using 219

Number of cycles run: 1863

the leader1 dead using 3571

Number of cycles run: 5626

the leader1 dead using 659

the leader1 dead using 659

Number of cycles run: 2530

the leader1 dead using 878

Number of cycles run: 1761

the leader1 dead using 276

the leader1 dead using 276

the leader1 dead using 276

Number of cycles run: 2255

the leader1 dead using 230

Number of cycles run: 7562

the leader1 dead using 399

the leader1 dead using 399

Number of cycles run: 3436

the leader1 dead using 313

Number of cycles run: 1279

the leader1 dead using 12962

the leader1 dead using 12962

the leader1 dead using 12962

Number of cycles run: 13704

Number of cycles run: 18802

the leader1 dead using 2631

the leader1 dead using 2631

Number of cycles run: 3982

the leader1 dead using 745

the leader1 dead using 745

Number of cycles run: 3126

the leader1 dead using 391

the leader1 dead using 391

the leader1 dead using 391

Number of cycles run: 2650

the leader1 dead using 479

the leader1 dead using 479

Number of cycles run: 1993

the leader1 dead using 9464

the leader1 dead using 9464

the leader1 dead using 9464

Number of cycles run: 10588

the leader1 dead using 440

Number of cycles run: 2591

the leader1 dead using 496

Number of cycles run: 3410

the leader1 dead using 235

Number of cycles run: 50000

the leader1 dead using 1278

the leader1 dead using 1278

Number of cycles run: 1763

the leader1 dead using 741

the leader1 dead using 741

the leader1 dead using 741

Number of cycles run: 1847

the leader1 dead using 857

the leader1 dead using 857

Number of cycles run: 1577

Number of cycles run: 50000

the leader1 dead using 320

the leader1 dead using 320

Number of cycles run: 2263

the leader1 dead using 3946

the leader1 dead using 3946

the leader1 dead using 3946

Number of cycles run: 5470

the leader1 dead using 271

Number of cycles run: 4188

the leader1 dead using 4902

the leader1 dead using 4902

Number of cycles run: 5802

the leader1 dead using 1427

the leader1 dead using 1427

Number of cycles run: 9198

the leader1 dead using 580

Number of cycles run: 1628

the leader1 dead using 4607

the leader1 dead using 4607

the leader1 dead using 4607

the leader1 dead using 4607

Number of cycles run: 6383

the leader1 dead using 582

the leader1 dead using 582

Number of cycles run: 2058

the leader1 dead using 10414

Number of cycles run: 10647

the leader1 dead using 257

the leader1 dead using 257

Number of cycles run: 2728

the leader1 dead using 209

Number of cycles run: 7571

the leader1 dead using 275

the leader1 dead using 275

the leader1 dead using 275

the leader1 dead using 275

Number of cycles run: 3929

the leader1 dead using 669

the leader1 dead using 669

Number of cycles run: 1735

Number of cycles run: 50000

the leader1 dead using 6229

Number of cycles run: 6229

Number of cycles run: 50000

Number of cycles run: 50000

the leader1 dead using 740

the leader1 dead using 740

the leader1 dead using 740

the leader1 dead using 740

Number of cycles run: 7076

the leader1 dead using 210

the leader1 dead using 210

Number of cycles run: 2450

Number of cycles run: 9355

the leader1 dead using 238

the leader1 dead using 238

Number of cycles run: 27152

the leader1 dead using 529

the leader1 dead using 529

the leader1 dead using 529

the leader1 dead using 529

Number of cycles run: 1718

the leader1 dead using 12002

the leader1 dead using 12002

Number of cycles run: 12389

the leader1 dead using 929

the leader1 dead using 929

the leader1 dead using 929

Number of cycles run: 3120

Number of cycles run: 30314

the leader1 dead using 254

the leader1 dead using 254

the leader1 dead using 254

the leader1 dead using 254

the leader1 dead using 254

the leader1 dead using 254

Number of cycles run: 2622

Av cycles for leadership strength 3.5 is 10481

standard diviation is 14618.8533867

Testing average cycles for leadership strength 3.5

the leader1 dead using 900

Number of cycles run: 2224

the leader1 dead using 485

the leader1 dead using 485

the leader1 dead using 485

Number of cycles run: 8044

the leader1 dead using 448

Number of cycles run: 1224

the leader1 dead using 3079

the leader1 dead using 3079

Number of cycles run: 4444

the leader1 dead using 474

the leader1 dead using 474

Number of cycles run: 1847

the leader1 dead using 2249

the leader1 dead using 2249

the leader1 dead using 2249

Number of cycles run: 27248

the leader1 dead using 276

the leader1 dead using 276

the leader1 dead using 276

Number of cycles run: 5130

the leader1 dead using 1967

the leader1 dead using 1967

the leader1 dead using 1967

Number of cycles run: 2872

the leader1 dead using 722

the leader1 dead using 722

the leader1 dead using 722

the leader1 dead using 722

the leader1 dead using 722

Number of cycles run: 4333

the leader1 dead using 273

Number of cycles run: 3792

the leader1 dead using 837

the leader1 dead using 837

the leader1 dead using 837

Number of cycles run: 1961

the leader1 dead using 7277

Number of cycles run: 7350

the leader1 dead using 136

Number of cycles run: 1709

the leader1 dead using 273

Number of cycles run: 2723

the leader1 dead using 10193

Number of cycles run: 19035

the leader1 dead using 1176

the leader1 dead using 1176

the leader1 dead using 1176

Number of cycles run: 5372

the leader1 dead using 851

Number of cycles run: 1253

the leader1 dead using 215

the leader1 dead using 215

the leader1 dead using 215

the leader1 dead using 215

the leader1 dead using 215

Number of cycles run: 1759

Number of cycles run: 50000

the leader1 dead using 742

Number of cycles run: 2657

the leader1 dead using 261

the leader1 dead using 261

the leader1 dead using 261

the leader1 dead using 261

the leader1 dead using 261

Number of cycles run: 2297

the leader1 dead using 469

Number of cycles run: 50000

the leader1 dead using 7596

Number of cycles run: 13638

the leader1 dead using 803

the leader1 dead using 803

the leader1 dead using 803

Number of cycles run: 1637

the leader1 dead using 267

the leader1 dead using 267

Number of cycles run: 1566

the leader1 dead using 2269

Number of cycles run: 4717

the leader1 dead using 16230

Number of cycles run: 17109

the leader1 dead using 307

the leader1 dead using 307

the leader1 dead using 307

the leader1 dead using 307

Number of cycles run: 10690

the leader1 dead using 420

Number of cycles run: 1350

the leader1 dead using 236

the leader1 dead using 236

the leader1 dead using 236

Number of cycles run: 30666

the leader1 dead using 380

the leader1 dead using 380

the leader1 dead using 380

the leader1 dead using 380

Number of cycles run: 2511

the leader1 dead using 1380

the leader1 dead using 1380

the leader1 dead using 1380

Number of cycles run: 3411

the leader1 dead using 3621

the leader1 dead using 3621

Number of cycles run: 4278

the leader1 dead using 7446

Number of cycles run: 7446

the leader1 dead using 867

the leader1 dead using 867

Number of cycles run: 2544

the leader1 dead using 1371

the leader1 dead using 1371

Number of cycles run: 2163

the leader1 dead using 246

Number of cycles run: 50000

the leader1 dead using 240

Number of cycles run: 1876

the leader1 dead using 636

the leader1 dead using 636

the leader1 dead using 636

the leader1 dead using 636

Number of cycles run: 1648

the leader1 dead using 1664

the leader1 dead using 1664

Number of cycles run: 14857

the leader1 dead using 292

Number of cycles run: 3189

the leader1 dead using 156

the leader1 dead using 156

the leader1 dead using 156

Number of cycles run: 2726

the leader1 dead using 254

Number of cycles run: 50000

the leader1 dead using 439

the leader1 dead using 439

Number of cycles run: 50000

the leader1 dead using 445

Number of cycles run: 3232

the leader1 dead using 813

the leader1 dead using 813

the leader1 dead using 813

the leader1 dead using 813

Number of cycles run: 1838

the leader1 dead using 7041

the leader1 dead using 7041

Number of cycles run: 7844

the leader1 dead using 213

the leader1 dead using 213

the leader1 dead using 213

Number of cycles run: 3326

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

Number of cycles run: 10211

the leader1 dead using 360

Number of cycles run: 1284

Av cycles for leadership strength 3.5 is 10260

standard diviation is 14790.5009835

Testing average cycles for leadership strength 3.5

the leader1 dead using 674

the leader1 dead using 674

the leader1 dead using 674

the leader1 dead using 674

Number of cycles run: 2334

the leader1 dead using 860

the leader1 dead using 860

Number of cycles run: 1312

the leader1 dead using 3214

the leader1 dead using 3214

Number of cycles run: 6284

the leader1 dead using 2130

the leader1 dead using 2130

Number of cycles run: 3734

the leader1 dead using 204

the leader1 dead using 204

Number of cycles run: 50000

Number of cycles run: 13278

the leader1 dead using 3785

the leader1 dead using 3785

Number of cycles run: 4092

Number of cycles run: 50000

the leader1 dead using 1713

the leader1 dead using 1713

the leader1 dead using 1713

the leader1 dead using 1713

Number of cycles run: 3663

the leader1 dead using 486

Number of cycles run: 3497

the leader1 dead using 1183

the leader1 dead using 1183

Number of cycles run: 13950

the leader1 dead using 1305

the leader1 dead using 1305

Number of cycles run: 2353

the leader1 dead using 16555

Number of cycles run: 16825

the leader1 dead using 4951

the leader1 dead using 4951

the leader1 dead using 4951

Number of cycles run: 6253

the leader1 dead using 277

the leader1 dead using 277

Number of cycles run: 2022

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[ml16m6y@comp-pc6067 ml16m6y]$ cd Downloads

[ml16m6y@comp-pc6067 Downloads]$ module add anaconda3/4.4.0

[ml16m6y@comp-pc6067 Downloads]$ python schooling\_L3\_3.5.py idle

Testing average cycles for leadership strength 3.5

the leader1 dead using 222

the leader1 dead using 222

the leader1 dead using 222

the leader1 dead using 222

Number of cycles run: 2232

the leader1 dead using 971

Number of cycles run: 2158

the leader1 dead using 1319

Number of cycles run: 6027

the leader1 dead using 18223

the leader1 dead using 18223

Number of cycles run: 24754

the leader1 dead using 591

the leader1 dead using 591

Number of cycles run: 1283

the leader1 dead using 506

the leader1 dead using 506

the leader1 dead using 506

the leader1 dead using 506

the leader1 dead using 506

Number of cycles run: 5302

the leader1 dead using 898

the leader1 dead using 898

the leader1 dead using 898

Number of cycles run: 2819

the leader1 dead using 1321

the leader1 dead using 1321

Number of cycles run: 2052

the leader1 dead using 486

Number of cycles run: 1563

the leader1 dead using 941

the leader1 dead using 941

the leader1 dead using 941

Number of cycles run: 4409

the leader1 dead using 219

the leader1 dead using 219

the leader1 dead using 219

the leader1 dead using 219

Number of cycles run: 2569

the leader1 dead using 950

Number of cycles run: 2820

the leader1 dead using 490

the leader1 dead using 490

Number of cycles run: 4805

the leader1 dead using 1637

the leader1 dead using 1637

Number of cycles run: 3675

the leader1 dead using 4656

Number of cycles run: 5844

the leader1 dead using 11693

the leader1 dead using 11693

Number of cycles run: 13583

the leader1 dead using 387

the leader1 dead using 387

the leader1 dead using 387

Number of cycles run: 2605

the leader1 dead using 307

the leader1 dead using 307

the leader1 dead using 307

Number of cycles run: 1633

the leader1 dead using 244

the leader1 dead using 244

the leader1 dead using 244

the leader1 dead using 244

Number of cycles run: 8639

the leader1 dead using 2545

the leader1 dead using 2545

Number of cycles run: 3060

the leader1 dead using 1936

the leader1 dead using 1936

the leader1 dead using 1936

Number of cycles run: 50000

the leader1 dead using 185

the leader1 dead using 185

the leader1 dead using 185

Number of cycles run: 1659

the leader1 dead using 165

the leader1 dead using 165

the leader1 dead using 165

the leader1 dead using 165

Number of cycles run: 8899

the leader1 dead using 2096

Number of cycles run: 3107

the leader1 dead using 254

Number of cycles run: 1213

the leader1 dead using 504

Number of cycles run: 1661

the leader1 dead using 1288

Number of cycles run: 2158

the leader1 dead using 1547

Number of cycles run: 2262

the leader1 dead using 879

the leader1 dead using 879

the leader1 dead using 879

the leader1 dead using 879

Number of cycles run: 50000

the leader1 dead using 363

the leader1 dead using 363

Number of cycles run: 50000

the leader1 dead using 162

the leader1 dead using 162

Number of cycles run: 3421

the leader1 dead using 320

the leader1 dead using 320

Number of cycles run: 5124

the leader1 dead using 229

the leader1 dead using 229

the leader1 dead using 229

Number of cycles run: 2230

the leader1 dead using 223

the leader1 dead using 223

Number of cycles run: 1356

the leader1 dead using 184

the leader1 dead using 184

the leader1 dead using 184

Number of cycles run: 1713

the leader1 dead using 356

Number of cycles run: 1421

the leader1 dead using 307

Number of cycles run: 3654

the leader1 dead using 750

the leader1 dead using 750

the leader1 dead using 750

the leader1 dead using 750

Number of cycles run: 1394

the leader1 dead using 1286

the leader1 dead using 1286

the leader1 dead using 1286

Number of cycles run: 3366

the leader1 dead using 222

the leader1 dead using 222

the leader1 dead using 222

the leader1 dead using 222

the leader1 dead using 222

Number of cycles run: 41701

the leader1 dead using 547

the leader1 dead using 547

Number of cycles run: 4500

the leader1 dead using 7947

the leader1 dead using 7947

the leader1 dead using 7947

Number of cycles run: 9021

the leader1 dead using 1727

the leader1 dead using 1727

the leader1 dead using 1727

Number of cycles run: 3780

the leader1 dead using 9484

Number of cycles run: 12225

the leader1 dead using 706

Number of cycles run: 1500

the leader1 dead using 223

the leader1 dead using 223

Number of cycles run: 8174

the leader1 dead using 230

the leader1 dead using 230

Number of cycles run: 4649

the leader1 dead using 2695

Number of cycles run: 50000

the leader1 dead using 309

the leader1 dead using 309

Number of cycles run: 5084

the leader1 dead using 503

the leader1 dead using 503

Number of cycles run: 16655

Av cycles for leadership strength 3.5 is 9075

standard diviation is 13959.1431052

Testing average cycles for leadership strength 3.5

the leader1 dead using 32931

the leader1 dead using 32931

Number of cycles run: 39287

the leader1 dead using 1095

the leader1 dead using 1095

Number of cycles run: 2707

Number of cycles run: 4252

the leader1 dead using 331

the leader1 dead using 331

Number of cycles run: 1191

the leader1 dead using 162

the leader1 dead using 162

Number of cycles run: 50000

the leader1 dead using 2294

the leader1 dead using 2294

Number of cycles run: 3354

the leader1 dead using 403

the leader1 dead using 403

Number of cycles run: 1907

the leader1 dead using 297

Number of cycles run: 3268

the leader1 dead using 339

the leader1 dead using 339

the leader1 dead using 339

Number of cycles run: 1888

the leader1 dead using 604

the leader1 dead using 604

the leader1 dead using 604

the leader1 dead using 604

the leader1 dead using 604

the leader1 dead using 604

Number of cycles run: 1644

Number of cycles run: 7516

the leader1 dead using 2958

Number of cycles run: 5478

the leader1 dead using 6092

the leader1 dead using 6092

the leader1 dead using 6092

Number of cycles run: 7438

Number of cycles run: 16013

the leader1 dead using 260

Number of cycles run: 5455

the leader1 dead using 282

the leader1 dead using 282

Number of cycles run: 1716

the leader1 dead using 2808

Number of cycles run: 3707

the leader1 dead using 3052

the leader1 dead using 3052

the leader1 dead using 3052

the leader1 dead using 3052

Number of cycles run: 45344

the leader1 dead using 2740

the leader1 dead using 2740

the leader1 dead using 2740

Number of cycles run: 4083

the leader1 dead using 3769

Number of cycles run: 3769

the leader1 dead using 300

the leader1 dead using 300

the leader1 dead using 300

the leader1 dead using 300

the leader1 dead using 300

Number of cycles run: 2140

the leader1 dead using 18212

the leader1 dead using 18212

Number of cycles run: 18538

the leader1 dead using 381

Number of cycles run: 2051

the leader1 dead using 292

the leader1 dead using 292

the leader1 dead using 292

Number of cycles run: 4727

the leader1 dead using 236

Number of cycles run: 3355

the leader1 dead using 217

the leader1 dead using 217

Number of cycles run: 15342

the leader1 dead using 437

the leader1 dead using 437

the leader1 dead using 437

the leader1 dead using 437

the leader1 dead using 437

Number of cycles run: 10107

the leader1 dead using 214

Number of cycles run: 4796

the leader1 dead using 196

Number of cycles run: 6599

the leader1 dead using 260

the leader1 dead using 260

the leader1 dead using 260

the leader1 dead using 260

Number of cycles run: 5052

the leader1 dead using 3783

Number of cycles run: 4734

the leader1 dead using 295

Number of cycles run: 50000

the leader1 dead using 923

the leader1 dead using 923

Number of cycles run: 50000

the leader1 dead using 14665

the leader1 dead using 14665

the leader1 dead using 14665

Number of cycles run: 15338

the leader1 dead using 367

Number of cycles run: 1980

the leader1 dead using 1245

Number of cycles run: 5214

the leader1 dead using 200

Number of cycles run: 1640

the leader1 dead using 228

the leader1 dead using 228

the leader1 dead using 228

the leader1 dead using 228

Number of cycles run: 50000

the leader1 dead using 427

the leader1 dead using 427

Number of cycles run: 12660

the leader1 dead using 221

the leader1 dead using 221

Number of cycles run: 6390

the leader1 dead using 259

the leader1 dead using 259

the leader1 dead using 259

the leader1 dead using 259

Number of cycles run: 5102

the leader1 dead using 494

the leader1 dead using 494

the leader1 dead using 494

Number of cycles run: 1624

Number of cycles run: 9894

the leader1 dead using 254

Number of cycles run: 13649

the leader1 dead using 6924

the leader1 dead using 6924

the leader1 dead using 6924

Number of cycles run: 8172

Number of cycles run: 5155

Number of cycles run: 6414

the leader1 dead using 224

the leader1 dead using 224

the leader1 dead using 224

the leader1 dead using 224

Number of cycles run: 4450

the leader1 dead using 545

Number of cycles run: 50000

the leader1 dead using 232

Number of cycles run: 50000

Av cycles for leadership strength 3.5 is 12702

standard diviation is 16188.3503716

Testing average cycles for leadership strength 3.5

the leader1 dead using 1153

the leader1 dead using 1153

the leader1 dead using 1153

Number of cycles run: 1628

Number of cycles run: 50000

the leader1 dead using 165

the leader1 dead using 165

Number of cycles run: 2548

the leader1 dead using 733

Number of cycles run: 2868

the leader1 dead using 1382

the leader1 dead using 1382

Number of cycles run: 1994

the leader1 dead using 225

the leader1 dead using 225

the leader1 dead using 225

the leader1 dead using 225

the leader1 dead using 225

Number of cycles run: 50000

the leader1 dead using 1014

the leader1 dead using 1014

Number of cycles run: 2172

the leader1 dead using 473

the leader1 dead using 473

the leader1 dead using 473

Number of cycles run: 2701

Number of cycles run: 10481

the leader1 dead using 671

Number of cycles run: 50000

Number of cycles run: 34131

Number of cycles run: 2158

the leader1 dead using 251

the leader1 dead using 251

Number of cycles run: 8042

the leader1 dead using 707

the leader1 dead using 707

the leader1 dead using 707

Number of cycles run: 7903

the leader1 dead using 707

the leader1 dead using 707

Number of cycles run: 2592

the leader1 dead using 231

Number of cycles run: 4041

the leader1 dead using 697

the leader1 dead using 697

Number of cycles run: 3271

the leader1 dead using 279

the leader1 dead using 279

the leader1 dead using 279

Number of cycles run: 2399

the leader1 dead using 222

the leader1 dead using 222

the leader1 dead using 222

Number of cycles run: 8489

the leader1 dead using 195

the leader1 dead using 195

the leader1 dead using 195

Number of cycles run: 3306

the leader1 dead using 360

Number of cycles run: 50000

the leader1 dead using 1873

the leader1 dead using 1873

the leader1 dead using 1873

Number of cycles run: 2464

Number of cycles run: 28440

the leader1 dead using 3715

the leader1 dead using 3715

Number of cycles run: 3903

the leader1 dead using 341

the leader1 dead using 341

Number of cycles run: 2814

the leader1 dead using 18317

Number of cycles run: 50000

the leader1 dead using 6031

Number of cycles run: 6761

the leader1 dead using 1427

the leader1 dead using 1427

the leader1 dead using 1427

Number of cycles run: 3131

the leader1 dead using 380

Number of cycles run: 3963

the leader1 dead using 294

Number of cycles run: 2473

the leader1 dead using 480

Number of cycles run: 3615

the leader1 dead using 482

the leader1 dead using 482

Number of cycles run: 3805

the leader1 dead using 2700

the leader1 dead using 2700

Number of cycles run: 3019

the leader1 dead using 456

the leader1 dead using 456

Number of cycles run: 5446

the leader1 dead using 681

the leader1 dead using 681

Number of cycles run: 1454

the leader1 dead using 379

the leader1 dead using 379

Number of cycles run: 20827

the leader1 dead using 1567

the leader1 dead using 1567

the leader1 dead using 1567

Number of cycles run: 3181

the leader1 dead using 252

the leader1 dead using 252

Number of cycles run: 17861

Number of cycles run: 3095

the leader1 dead using 540

Number of cycles run: 1412

the leader1 dead using 1333

Number of cycles run: 2994

the leader1 dead using 546

Number of cycles run: 1662

the leader1 dead using 7575

Number of cycles run: 23692

the leader1 dead using 895

Number of cycles run: 1603

the leader1 dead using 250

the leader1 dead using 250

Number of cycles run: 50000

the leader1 dead using 2761

the leader1 dead using 2761

the leader1 dead using 2761

Number of cycles run: 3882

the leader1 dead using 264

the leader1 dead using 264

the leader1 dead using 264

Number of cycles run: 24635

the leader1 dead using 524

the leader1 dead using 524

the leader1 dead using 524

the leader1 dead using 524

the leader1 dead using 524

the leader1 dead using 524

the leader1 dead using 524

the leader1 dead using 524

Number of cycles run: 3891

the leader1 dead using 2683

Number of cycles run: 5180

the leader1 dead using 3155

Number of cycles run: 3547

Av cycles for leadership strength 3.5 is 11789

standard diviation is 16050.4532954

Testing average cycles for leadership strength 3.5

the leader1 dead using 657

the leader1 dead using 657

the leader1 dead using 657

the leader1 dead using 657

Number of cycles run: 26827

the leader1 dead using 1409

the leader1 dead using 1409

Number of cycles run: 3057

the leader1 dead using 1099

Number of cycles run: 2317

the leader1 dead using 178

Number of cycles run: 3580

the leader1 dead using 285

the leader1 dead using 285

the leader1 dead using 285

Number of cycles run: 2082

the leader1 dead using 543

the leader1 dead using 543

the leader1 dead using 543

Number of cycles run: 2144

the leader1 dead using 233

Number of cycles run: 2818

the leader1 dead using 978

Number of cycles run: 1785

the leader1 dead using 563

the leader1 dead using 563

Number of cycles run: 1979

the leader1 dead using 218

the leader1 dead using 218

Number of cycles run: 5262

Number of cycles run: 23571

the leader1 dead using 1693

Number of cycles run: 6981

the leader1 dead using 6154

the leader1 dead using 6154

Number of cycles run: 6808

the leader1 dead using 1156

the leader1 dead using 1156

the leader1 dead using 1156

Number of cycles run: 2915

the leader1 dead using 3329

Number of cycles run: 5681

the leader1 dead using 272

Number of cycles run: 2336

the leader1 dead using 282

the leader1 dead using 282

the leader1 dead using 282

the leader1 dead using 282

Number of cycles run: 3961

the leader1 dead using 201

the leader1 dead using 201

the leader1 dead using 201

Number of cycles run: 16459

the leader1 dead using 280

the leader1 dead using 280

the leader1 dead using 280

the leader1 dead using 280

the leader1 dead using 280

the leader1 dead using 280

Number of cycles run: 16677

the leader1 dead using 2951

the leader1 dead using 2951

Number of cycles run: 4135

the leader1 dead using 24692

the leader1 dead using 24692

Number of cycles run: 25980

the leader1 dead using 718

the leader1 dead using 718

Number of cycles run: 2230

the leader1 dead using 256

the leader1 dead using 256

Number of cycles run: 50000

the leader1 dead using 1962

the leader1 dead using 1962

the leader1 dead using 1962

Number of cycles run: 2760

the leader1 dead using 481

the leader1 dead using 481

Number of cycles run: 3411

Number of cycles run: 50000

the leader1 dead using 1017

the leader1 dead using 1017

the leader1 dead using 1017

Number of cycles run: 21315

the leader1 dead using 216

Number of cycles run: 50000

the leader1 dead using 202

Number of cycles run: 50000

the leader1 dead using 184

Number of cycles run: 2958

the leader1 dead using 379

the leader1 dead using 379

the leader1 dead using 379

the leader1 dead using 379

Number of cycles run: 25732

the leader1 dead using 777

Number of cycles run: 3400

the leader1 dead using 359

the leader1 dead using 359

Number of cycles run: 4067

the leader1 dead using 951

the leader1 dead using 951

the leader1 dead using 951

Number of cycles run: 2013

the leader1 dead using 4537

the leader1 dead using 4537

the leader1 dead using 4537

the leader1 dead using 4537

Number of cycles run: 7304

the leader1 dead using 10428

Number of cycles run: 10428

the leader1 dead using 970

the leader1 dead using 970

Number of cycles run: 4248

the leader1 dead using 10245

the leader1 dead using 10245

Number of cycles run: 11794

the leader1 dead using 395

the leader1 dead using 395

Number of cycles run: 27566

the leader1 dead using 1610

the leader1 dead using 1610

Number of cycles run: 6189

the leader1 dead using 372

the leader1 dead using 372

Number of cycles run: 5484

the leader1 dead using 682

the leader1 dead using 682

the leader1 dead using 682

the leader1 dead using 682

the leader1 dead using 682

Number of cycles run: 1683

the leader1 dead using 1259

the leader1 dead using 1259

Number of cycles run: 1622

the leader1 dead using 711

the leader1 dead using 711

the leader1 dead using 711

Number of cycles run: 5708

the leader1 dead using 407

Number of cycles run: 1864

the leader1 dead using 180

Number of cycles run: 1491

the leader1 dead using 884

Number of cycles run: 1864

Number of cycles run: 17088

the leader1 dead using 781

the leader1 dead using 781

the leader1 dead using 781

the leader1 dead using 781

Number of cycles run: 1866

the leader1 dead using 631

the leader1 dead using 631

Number of cycles run: 1435

Av cycles for leadership strength 3.5 is 10857

standard diviation is 13947.5236281

Testing average cycles for leadership strength 3.5

the leader1 dead using 3976

the leader1 dead using 3976

the leader1 dead using 3976

the leader1 dead using 3976

Number of cycles run: 6563

the leader1 dead using 903

Number of cycles run: 2469

the leader1 dead using 537

the leader1 dead using 537

Number of cycles run: 3830

the leader1 dead using 2694

the leader1 dead using 2694

the leader1 dead using 2694

Number of cycles run: 3264

the leader1 dead using 996

the leader1 dead using 996

Number of cycles run: 2083

the leader1 dead using 550

the leader1 dead using 550

Number of cycles run: 2524

the leader1 dead using 2694

Number of cycles run: 3703

the leader1 dead using 1052

Number of cycles run: 4975

the leader1 dead using 1335

Number of cycles run: 1652

the leader1 dead using 599

the leader1 dead using 599

the leader1 dead using 599

the leader1 dead using 599

Number of cycles run: 4442

the leader1 dead using 2045

the leader1 dead using 2045

the leader1 dead using 2045

Number of cycles run: 2933

the leader1 dead using 987

the leader1 dead using 987

Number of cycles run: 7220

the leader1 dead using 833

Number of cycles run: 50000

the leader1 dead using 2762

Number of cycles run: 3507

the leader1 dead using 2041

the leader1 dead using 2041

the leader1 dead using 2041

the leader1 dead using 2041

Number of cycles run: 3577

the leader1 dead using 557

Number of cycles run: 1661

the leader1 dead using 4614

the leader1 dead using 4614

Number of cycles run: 4697

the leader1 dead using 2197

the leader1 dead using 2197

Number of cycles run: 2793

the leader1 dead using 569

Number of cycles run: 1819

Number of cycles run: 50000

the leader1 dead using 1092

Number of cycles run: 2870

the leader1 dead using 208

Number of cycles run: 3312

the leader1 dead using 244

Number of cycles run: 50000

the leader1 dead using 1818

Number of cycles run: 2682

the leader1 dead using 14241

Number of cycles run: 15098

the leader1 dead using 369

the leader1 dead using 369

the leader1 dead using 369

Number of cycles run: 1977

the leader1 dead using 8979

the leader1 dead using 8979

Number of cycles run: 10095

the leader1 dead using 315

Number of cycles run: 30804

the leader1 dead using 301

Number of cycles run: 2497

the leader1 dead using 1012

the leader1 dead using 1012

Number of cycles run: 1229

the leader1 dead using 919

the leader1 dead using 919

Number of cycles run: 17862

the leader1 dead using 2640

the leader1 dead using 2640

Number of cycles run: 3447

the leader1 dead using 164

the leader1 dead using 164

Number of cycles run: 50000

the leader1 dead using 285

the leader1 dead using 285

the leader1 dead using 285

the leader1 dead using 285

Number of cycles run: 34131

the leader1 dead using 874

the leader1 dead using 874

Number of cycles run: 1742

the leader1 dead using 320

Number of cycles run: 2815

the leader1 dead using 1167

the leader1 dead using 1167

the leader1 dead using 1167

Number of cycles run: 2143

the leader1 dead using 584

the leader1 dead using 584

the leader1 dead using 584

Number of cycles run: 2068

the leader1 dead using 637

the leader1 dead using 637

the leader1 dead using 637

Number of cycles run: 50000

the leader1 dead using 960

the leader1 dead using 960

the leader1 dead using 960

Number of cycles run: 1504

the leader1 dead using 1119

the leader1 dead using 1119

the leader1 dead using 1119

Number of cycles run: 2435

the leader1 dead using 681

Number of cycles run: 2774

the leader1 dead using 894

the leader1 dead using 894

Number of cycles run: 2797

the leader1 dead using 545

Number of cycles run: 1616

the leader1 dead using 459

the leader1 dead using 459

Number of cycles run: 1676

the leader1 dead using 608

the leader1 dead using 608

Number of cycles run: 5359

the leader1 dead using 513

Number of cycles run: 16021

the leader1 dead using 9477

Number of cycles run: 9723

Number of cycles run: 4147

the leader1 dead using 476

the leader1 dead using 476

Number of cycles run: 1574

Av cycles for leadership strength 3.5 is 9962

standard diviation is 15028.4257326

Testing average cycles for leadership strength 3.5

the leader1 dead using 485

the leader1 dead using 485

Number of cycles run: 8083

the leader1 dead using 563

Number of cycles run: 3048

Number of cycles run: 50000

the leader1 dead using 1597

Number of cycles run: 2354

the leader1 dead using 245

the leader1 dead using 245

Number of cycles run: 7806

the leader1 dead using 259

Number of cycles run: 5520

the leader1 dead using 1347

the leader1 dead using 1347

Number of cycles run: 2024

Number of cycles run: 5226

the leader1 dead using 192

Number of cycles run: 3101

the leader1 dead using 1064

Number of cycles run: 2890

the leader1 dead using 2071

Number of cycles run: 3473

the leader1 dead using 4794

the leader1 dead using 4794

Number of cycles run: 5415

the leader1 dead using 1308

Number of cycles run: 2117

the leader1 dead using 7469

the leader1 dead using 7469

Number of cycles run: 49538

the leader1 dead using 425

the leader1 dead using 425

Number of cycles run: 3240

the leader1 dead using 212

Number of cycles run: 50000

the leader1 dead using 1503

Number of cycles run: 1878

the leader1 dead using 293

the leader1 dead using 293

the leader1 dead using 293

Number of cycles run: 2758

the leader1 dead using 833

the leader1 dead using 833

Number of cycles run: 3814

the leader1 dead using 3510

the leader1 dead using 3510

Number of cycles run: 4018

the leader1 dead using 9598

Number of cycles run: 9598

the leader1 dead using 14711

Number of cycles run: 14711

the leader1 dead using 2809

Number of cycles run: 4537

the leader1 dead using 151

the leader1 dead using 151

the leader1 dead using 151

Number of cycles run: 50000

the leader1 dead using 2769

Number of cycles run: 4409

the leader1 dead using 914

the leader1 dead using 914

Number of cycles run: 1812

the leader1 dead using 10006

the leader1 dead using 10006

the leader1 dead using 10006

Number of cycles run: 11450

the leader1 dead using 383

the leader1 dead using 383

Number of cycles run: 4372

the leader1 dead using 4991

the leader1 dead using 4991

the leader1 dead using 4991

Number of cycles run: 6542

the leader1 dead using 1140

the leader1 dead using 1140

the leader1 dead using 1140

Number of cycles run: 2037

the leader1 dead using 1092

the leader1 dead using 1092

Number of cycles run: 1857

Number of cycles run: 50000

the leader1 dead using 331

Number of cycles run: 2181

the leader1 dead using 291

Number of cycles run: 2715

the leader1 dead using 2249

the leader1 dead using 2249

Number of cycles run: 2892

the leader1 dead using 4277

Number of cycles run: 5016

Number of cycles run: 3427

the leader1 dead using 919

the leader1 dead using 919

the leader1 dead using 919

Number of cycles run: 1495

the leader1 dead using 416

the leader1 dead using 416

Number of cycles run: 1474

the leader1 dead using 154

the leader1 dead using 154

Number of cycles run: 23443

the leader1 dead using 1116

Number of cycles run: 19443

the leader1 dead using 1531

Number of cycles run: 2791

the leader1 dead using 239

Number of cycles run: 2709

the leader1 dead using 407

the leader1 dead using 407

Number of cycles run: 1982

the leader1 dead using 4553

the leader1 dead using 4553

Number of cycles run: 5198

the leader1 dead using 399

the leader1 dead using 399

Number of cycles run: 2975

the leader1 dead using 1489

the leader1 dead using 1489

Number of cycles run: 2589

Number of cycles run: 50000

the leader1 dead using 247

the leader1 dead using 247

Number of cycles run: 2480

the leader1 dead using 196

the leader1 dead using 196

Number of cycles run: 2285

Av cycles for leadership strength 3.5 is 10254

standard diviation is 15406.2763108

Testing average cycles for leadership strength 3.5

Number of cycles run: 50000

the leader1 dead using 419

Number of cycles run: 3658

the leader1 dead using 206

the leader1 dead using 206

Number of cycles run: 38296

the leader1 dead using 215

the leader1 dead using 215

Number of cycles run: 3144

the leader1 dead using 624

the leader1 dead using 624

the leader1 dead using 624

the leader1 dead using 624

Number of cycles run: 1566

the leader1 dead using 420

the leader1 dead using 420

Number of cycles run: 2909

the leader1 dead using 927

the leader1 dead using 927

Number of cycles run: 2269

the leader1 dead using 1006

the leader1 dead using 1006

the leader1 dead using 1006

Number of cycles run: 2461

the leader1 dead using 359

the leader1 dead using 359

the leader1 dead using 359

Number of cycles run: 3226

the leader1 dead using 258

Number of cycles run: 1932

the leader1 dead using 1668

the leader1 dead using 1668

Number of cycles run: 2586

the leader1 dead using 722

Number of cycles run: 2206

the leader1 dead using 680

the leader1 dead using 680

Number of cycles run: 2018

the leader1 dead using 2063

Number of cycles run: 3958

the leader1 dead using 646

the leader1 dead using 646

the leader1 dead using 646

Number of cycles run: 2191

the leader1 dead using 244

the leader1 dead using 244

Number of cycles run: 9184

the leader1 dead using 697

Number of cycles run: 21178

the leader1 dead using 2365

the leader1 dead using 2365

Number of cycles run: 2883

the leader1 dead using 4625

the leader1 dead using 4625

the leader1 dead using 4625

the leader1 dead using 4625

the leader1 dead using 4625

Number of cycles run: 6140

the leader1 dead using 191

the leader1 dead using 191

the leader1 dead using 191

Number of cycles run: 2989

the leader1 dead using 2319

Number of cycles run: 4175

Number of cycles run: 50000

the leader1 dead using 605

the leader1 dead using 605

Number of cycles run: 26051

the leader1 dead using 865

Number of cycles run: 2186

the leader1 dead using 267

Number of cycles run: 50000

the leader1 dead using 380

the leader1 dead using 380

the leader1 dead using 380

Number of cycles run: 3937

the leader1 dead using 431

the leader1 dead using 431

the leader1 dead using 431

the leader1 dead using 431

Number of cycles run: 2972

Number of cycles run: 50000

the leader1 dead using 372

Number of cycles run: 50000

the leader1 dead using 905

the leader1 dead using 905

Number of cycles run: 2571

the leader1 dead using 11386

Number of cycles run: 11386

the leader1 dead using 475

Number of cycles run: 2425

the leader1 dead using 563

Number of cycles run: 29875

Number of cycles run: 50000

the leader1 dead using 441

Number of cycles run: 2461

the leader1 dead using 3244

the leader1 dead using 3244

the leader1 dead using 3244

the leader1 dead using 3244

Number of cycles run: 4424

Number of cycles run: 3606

the leader1 dead using 10868

Number of cycles run: 11647

the leader1 dead using 301

the leader1 dead using 301

Number of cycles run: 2513

the leader1 dead using 2297

the leader1 dead using 2297

Number of cycles run: 3414

the leader1 dead using 503

the leader1 dead using 503

the leader1 dead using 503

Number of cycles run: 2271

Number of cycles run: 9308

the leader1 dead using 1822

the leader1 dead using 1822

Number of cycles run: 7119

the leader1 dead using 6968

the leader1 dead using 6968

the leader1 dead using 6968

the leader1 dead using 6968

the leader1 dead using 6968

the leader1 dead using 6968

Number of cycles run: 9967

the leader1 dead using 1477

the leader1 dead using 1477

Number of cycles run: 3072

the leader1 dead using 591

Number of cycles run: 7832

the leader1 dead using 1376

Number of cycles run: 2222

the leader1 dead using 535

the leader1 dead using 535

Number of cycles run: 50000

the leader1 dead using 475

the leader1 dead using 475

the leader1 dead using 475

Number of cycles run: 2934

the leader1 dead using 860

the leader1 dead using 860

Number of cycles run: 3851

Av cycles for leadership strength 3.5 is 12540

standard diviation is 16951.4090773

Testing average cycles for leadership strength 3.5

Number of cycles run: 32256

the leader1 dead using 980

the leader1 dead using 980

Number of cycles run: 2231

the leader1 dead using 530

the leader1 dead using 530

the leader1 dead using 530

Number of cycles run: 1598

the leader1 dead using 1552

the leader1 dead using 1552

the leader1 dead using 1552

the leader1 dead using 1552

the leader1 dead using 1552

the leader1 dead using 1552

the leader1 dead using 1552

the leader1 dead using 1552

Number of cycles run: 16302

the leader1 dead using 224

Number of cycles run: 7568

the leader1 dead using 282

the leader1 dead using 282

the leader1 dead using 282

Number of cycles run: 50000

the leader1 dead using 6551

the leader1 dead using 6551

Number of cycles run: 6985

the leader1 dead using 210

the leader1 dead using 210

Number of cycles run: 11059

the leader1 dead using 218

Number of cycles run: 1835

the leader1 dead using 613

Number of cycles run: 2424

the leader1 dead using 1076

Number of cycles run: 2197

the leader1 dead using 733

the leader1 dead using 733

Number of cycles run: 4312

the leader1 dead using 1435

the leader1 dead using 1435

Number of cycles run: 1855

the leader1 dead using 294

the leader1 dead using 294

the leader1 dead using 294

the leader1 dead using 294

the leader1 dead using 294

Number of cycles run: 8121

the leader1 dead using 939

the leader1 dead using 939

Number of cycles run: 3861

the leader1 dead using 1769

the leader1 dead using 1769

the leader1 dead using 1769

the leader1 dead using 1769

Number of cycles run: 2802

the leader1 dead using 313

the leader1 dead using 313

the leader1 dead using 313

Number of cycles run: 1361

the leader1 dead using 257

the leader1 dead using 257

the leader1 dead using 257

the leader1 dead using 257

the leader1 dead using 257

Number of cycles run: 3814

the leader1 dead using 488

the leader1 dead using 488

the leader1 dead using 488

Number of cycles run: 4284

the leader1 dead using 781

the leader1 dead using 781

Number of cycles run: 3005

the leader1 dead using 390

the leader1 dead using 390

the leader1 dead using 390

the leader1 dead using 390

the leader1 dead using 390

the leader1 dead using 390

Number of cycles run: 40568

the leader1 dead using 490

Number of cycles run: 13399

the leader1 dead using 275

Number of cycles run: 50000

the leader1 dead using 209

the leader1 dead using 209

the leader1 dead using 209

Number of cycles run: 2027

the leader1 dead using 1222

the leader1 dead using 1222

Number of cycles run: 2134

the leader1 dead using 276

the leader1 dead using 276

Number of cycles run: 3066

the leader1 dead using 23926

the leader1 dead using 23926

Number of cycles run: 24567

the leader1 dead using 354

the leader1 dead using 354

Number of cycles run: 50000

the leader1 dead using 1216

the leader1 dead using 1216

Number of cycles run: 2497

the leader1 dead using 148

the leader1 dead using 148

Number of cycles run: 4749

the leader1 dead using 1945

Number of cycles run: 4207

the leader1 dead using 30698

Number of cycles run: 31541

the leader1 dead using 693

the leader1 dead using 693

the leader1 dead using 693

Number of cycles run: 1959

the leader1 dead using 526

the leader1 dead using 526

Number of cycles run: 50000

the leader1 dead using 4005

Number of cycles run: 4208

the leader1 dead using 390

Number of cycles run: 50000

the leader1 dead using 2048

the leader1 dead using 2048

Number of cycles run: 2912

the leader1 dead using 5245

the leader1 dead using 5245

the leader1 dead using 5245

Number of cycles run: 6222

the leader1 dead using 1234

the leader1 dead using 1234

Number of cycles run: 1949

the leader1 dead using 162

the leader1 dead using 162

the leader1 dead using 162

Number of cycles run: 50000

the leader1 dead using 295

the leader1 dead using 295

the leader1 dead using 295

the leader1 dead using 295

Number of cycles run: 1625

the leader1 dead using 264

the leader1 dead using 264

Number of cycles run: 30307

the leader1 dead using 4057

the leader1 dead using 4057

Number of cycles run: 4324

the leader1 dead using 20232

the leader1 dead using 20232

Number of cycles run: 21229

the leader1 dead using 366

Number of cycles run: 50000

the leader1 dead using 326

the leader1 dead using 326

the leader1 dead using 326

Number of cycles run: 3292

Number of cycles run: 50000

the leader1 dead using 467

Number of cycles run: 7773

the leader1 dead using 246

the leader1 dead using 246

the leader1 dead using 246

Number of cycles run: 10802

the leader1 dead using 1031

Number of cycles run: 1958

Av cycles for leadership strength 3.5 is 14903

standard diviation is 17927.1392795

Testing average cycles for leadership strength 3.5

the leader1 dead using 1430

the leader1 dead using 1430

the leader1 dead using 1430

the leader1 dead using 1430

Number of cycles run: 3291

the leader1 dead using 682

the leader1 dead using 682

Number of cycles run: 2991

the leader1 dead using 600

Number of cycles run: 3697

the leader1 dead using 251

the leader1 dead using 251

the leader1 dead using 251

the leader1 dead using 251

the leader1 dead using 251

the leader1 dead using 251

Number of cycles run: 2885

the leader1 dead using 1237

the leader1 dead using 1237

Number of cycles run: 3553

the leader1 dead using 2726

the leader1 dead using 2726

Number of cycles run: 3482

the leader1 dead using 1126

Number of cycles run: 1587

the leader1 dead using 173

Number of cycles run: 3403

the leader1 dead using 587

Number of cycles run: 9052

the leader1 dead using 1050

the leader1 dead using 1050

Number of cycles run: 28360

Number of cycles run: 4170

the leader1 dead using 970

Number of cycles run: 2427

the leader1 dead using 242

the leader1 dead using 242

the leader1 dead using 242

Number of cycles run: 2474

the leader1 dead using 149

the leader1 dead using 149

Number of cycles run: 3475

the leader1 dead using 1236

Number of cycles run: 2189

the leader1 dead using 4376

Number of cycles run: 4838

the leader1 dead using 1188

the leader1 dead using 1188

the leader1 dead using 1188

Number of cycles run: 4042

the leader1 dead using 242

the leader1 dead using 242

the leader1 dead using 242

Number of cycles run: 41959

the leader1 dead using 1256

the leader1 dead using 1256

Number of cycles run: 1777

the leader1 dead using 224

the leader1 dead using 224

Number of cycles run: 1804

the leader1 dead using 2890

Number of cycles run: 4346

the leader1 dead using 1972

the leader1 dead using 1972

Number of cycles run: 2845

the leader1 dead using 221

Number of cycles run: 4793

the leader1 dead using 757

Number of cycles run: 3433

the leader1 dead using 233

the leader1 dead using 233

the leader1 dead using 233

Number of cycles run: 50000

the leader1 dead using 2837

Number of cycles run: 50000

the leader1 dead using 303

the leader1 dead using 303

the leader1 dead using 303

Number of cycles run: 50000

the leader1 dead using 862

the leader1 dead using 862

Number of cycles run: 2021

the leader1 dead using 1629

Number of cycles run: 2519

the leader1 dead using 209

Number of cycles run: 5508

the leader1 dead using 160

the leader1 dead using 160

the leader1 dead using 160

Number of cycles run: 1224

the leader1 dead using 34370

Number of cycles run: 34803

the leader1 dead using 2091

Number of cycles run: 2436

Number of cycles run: 50000

the leader1 dead using 344

Number of cycles run: 2328

Number of cycles run: 2615

Number of cycles run: 2603

the leader1 dead using 1269

the leader1 dead using 1269

Number of cycles run: 1714

the leader1 dead using 223

the leader1 dead using 223

the leader1 dead using 223

Number of cycles run: 50000

the leader1 dead using 797

Number of cycles run: 3805

the leader1 dead using 309

the leader1 dead using 309

Number of cycles run: 1658

Number of cycles run: 50000

the leader1 dead using 6174

Number of cycles run: 7118

the leader1 dead using 191

Number of cycles run: 2839

the leader1 dead using 2669

the leader1 dead using 2669

Number of cycles run: 10307

the leader1 dead using 194

the leader1 dead using 194

the leader1 dead using 194

the leader1 dead using 194

the leader1 dead using 194

the leader1 dead using 194

Number of cycles run: 19587

the leader1 dead using 6091

the leader1 dead using 6091

the leader1 dead using 6091

the leader1 dead using 6091

the leader1 dead using 6091

Number of cycles run: 6884

the leader1 dead using 4045

Number of cycles run: 4410

the leader1 dead using 1742

the leader1 dead using 1742

the leader1 dead using 1742

Number of cycles run: 3204

the leader1 dead using 496

Number of cycles run: 50000

Av cycles for leadership strength 3.5 is 12289

standard diviation is 17352.7636106

Testing average cycles for leadership strength 3.5

Number of cycles run: 50000

Number of cycles run: 14552

the leader1 dead using 1068

the leader1 dead using 1068

Number of cycles run: 2647

the leader1 dead using 423

the leader1 dead using 423

the leader1 dead using 423

Number of cycles run: 11869

the leader1 dead using 4003

Number of cycles run: 4757

the leader1 dead using 543

the leader1 dead using 543

the leader1 dead using 543

Number of cycles run: 1322

the leader1 dead using 1065

the leader1 dead using 1065

Number of cycles run: 3848

the leader1 dead using 215

the leader1 dead using 215

the leader1 dead using 215

Number of cycles run: 3324

the leader1 dead using 295

the leader1 dead using 295

Number of cycles run: 4327

the leader1 dead using 307

Number of cycles run: 3575

the leader1 dead using 1436

Number of cycles run: 1944

Number of cycles run: 5707

the leader1 dead using 2074

the leader1 dead using 2074

Number of cycles run: 2943

the leader1 dead using 1961

the leader1 dead using 1961

Number of cycles run: 3889

the leader1 dead using 4815

the leader1 dead using 4815

Number of cycles run: 8640

the leader1 dead using 233

the leader1 dead using 233

Number of cycles run: 4170

the leader1 dead using 2964

the leader1 dead using 2964

the leader1 dead using 2964

the leader1 dead using 2964

the leader1 dead using 2964

Number of cycles run: 12246

the leader1 dead using 442

the leader1 dead using 442

the leader1 dead using 442

Number of cycles run: 1925

the leader1 dead using 347

the leader1 dead using 347

Number of cycles run: 2214

the leader1 dead using 835

the leader1 dead using 835

Number of cycles run: 2141

the leader1 dead using 14740

Number of cycles run: 15676

the leader1 dead using 245

Number of cycles run: 7126

the leader1 dead using 550

the leader1 dead using 550

Number of cycles run: 50000

the leader1 dead using 971

the leader1 dead using 971

Number of cycles run: 6916

the leader1 dead using 155

the leader1 dead using 155

the leader1 dead using 155

Number of cycles run: 3369

Number of cycles run: 11992

the leader1 dead using 290

Number of cycles run: 50000

the leader1 dead using 2346

Number of cycles run: 2580

the leader1 dead using 246

the leader1 dead using 246

the leader1 dead using 246

Number of cycles run: 47505

the leader1 dead using 241

Number of cycles run: 1667

the leader1 dead using 2826

Number of cycles run: 2925

the leader1 dead using 2417

the leader1 dead using 2417

the leader1 dead using 2417

Number of cycles run: 3464

the leader1 dead using 6261

Number of cycles run: 10990

the leader1 dead using 6091

the leader1 dead using 6091

the leader1 dead using 6091

Number of cycles run: 6478

the leader1 dead using 2173

Number of cycles run: 2780

the leader1 dead using 496

the leader1 dead using 496

Number of cycles run: 50000

the leader1 dead using 152

the leader1 dead using 152

the leader1 dead using 152

the leader1 dead using 152

the leader1 dead using 152

Number of cycles run: 3861

the leader1 dead using 142

the leader1 dead using 142

Number of cycles run: 45708

the leader1 dead using 1077

Number of cycles run: 2535

the leader1 dead using 410

the leader1 dead using 410

Number of cycles run: 1395

the leader1 dead using 729

the leader1 dead using 729

Number of cycles run: 2656

the leader1 dead using 372

the leader1 dead using 372

Number of cycles run: 3844

the leader1 dead using 371

the leader1 dead using 371

Number of cycles run: 7944

the leader1 dead using 5308

the leader1 dead using 5308

the leader1 dead using 5308

Number of cycles run: 5853

the leader1 dead using 226

Number of cycles run: 50000

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

the leader1 dead using 163

Number of cycles run: 4787

the leader1 dead using 485

Number of cycles run: 50000

the leader1 dead using 1194

the leader1 dead using 1194

Number of cycles run: 1840

the leader1 dead using 166

Number of cycles run: 2183

the leader1 dead using 1238

the leader1 dead using 1238

the leader1 dead using 1238

Number of cycles run: 2079

Av cycles for leadership strength 3.5 is 12083

standard diviation is 16708.485802

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