For Your Information :-

1. The command to change your password is "passwd" - use it regularly.

2. Your use of this computer system is subject to the University's

policy on Use of Computer Systems, to which all account owners have

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-pc6065 ml16m6y]$ cd Downloads

[ml16m6y@comp-pc6065 Downloads]$ module add anaconda3/4.4.0

[ml16m6y@comp-pc6065 Downloads]$ python schooling\_repul\_3.py idle

Testing average cycles for repulsion strength 3.0

Number of cycles run: 8018

Number of cycles run: 10129

Number of cycles run: 16426

Number of cycles run: 48914

Number of cycles run: 16028

Number of cycles run: 5403

Number of cycles run: 6950

Number of cycles run: 997

Number of cycles run: 34318

Number of cycles run: 3932

Number of cycles run: 8206

Number of cycles run: 1198

Number of cycles run: 15150

Number of cycles run: 50000

Number of cycles run: 2429

Number of cycles run: 2539

Number of cycles run: 10464

Number of cycles run: 4647

Number of cycles run: 28465

Number of cycles run: 8211

Number of cycles run: 50000

Number of cycles run: 4022

Number of cycles run: 20453

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 3340

Number of cycles run: 2456

Number of cycles run: 3875

Number of cycles run: 5675

Number of cycles run: 1122

Number of cycles run: 22298

Number of cycles run: 9799

Number of cycles run: 3079

Number of cycles run: 2916

Number of cycles run: 2208

Number of cycles run: 2188

Number of cycles run: 3963

Number of cycles run: 50000

Number of cycles run: 3062

Number of cycles run: 3377

Number of cycles run: 29381

Number of cycles run: 9849

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 6403

Number of cycles run: 15404

Number of cycles run: 5220

Number of cycles run: 12952

Number of cycles run: 6895

Av cycles for repulsion strength 3.0 is 16247

standard diviation is 17564.6002322

Testing average cycles for repulsion strength 3.0

Number of cycles run: 3796

Number of cycles run: 5105

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 2974

Number of cycles run: 50000

Number of cycles run: 2288

Number of cycles run: 5008

Number of cycles run: 50000

Number of cycles run: 2799

Number of cycles run: 1764

Number of cycles run: 3701

Number of cycles run: 7037

Number of cycles run: 4888

Number of cycles run: 6638

Number of cycles run: 4997

Number of cycles run: 18744

Number of cycles run: 5642

Number of cycles run: 4358

Number of cycles run: 6000

Number of cycles run: 8177

Number of cycles run: 4347

Number of cycles run: 2697

Number of cycles run: 6385

Number of cycles run: 13619

Number of cycles run: 24602

Number of cycles run: 15258

Number of cycles run: 1255

Number of cycles run: 4832

Number of cycles run: 2405

Number of cycles run: 16300

Number of cycles run: 3443

Number of cycles run: 6296

Number of cycles run: 2565

Number of cycles run: 3370

Number of cycles run: 3859

Number of cycles run: 12722

Number of cycles run: 9644

Number of cycles run: 3833

Number of cycles run: 2982

Number of cycles run: 47748

Number of cycles run: 5389

Number of cycles run: 2085

Number of cycles run: 50000

Number of cycles run: 7079

Number of cycles run: 4311

Number of cycles run: 4472

Number of cycles run: 1771

Number of cycles run: 2797

Number of cycles run: 13986

Av cycles for repulsion strength 3.0 is 11479

standard diviation is 14997.3618588

Testing average cycles for repulsion strength 3.0

Number of cycles run: 5725

Number of cycles run: 7411

Number of cycles run: 5425

Number of cycles run: 4398

Number of cycles run: 13842

Number of cycles run: 4680

Number of cycles run: 5463

Number of cycles run: 2923

Number of cycles run: 5916

Number of cycles run: 14409

Number of cycles run: 10538

Number of cycles run: 7738

Number of cycles run: 21644

Number of cycles run: 3491

Number of cycles run: 6213

Number of cycles run: 3316

Number of cycles run: 5796

Number of cycles run: 3587

Number of cycles run: 15119

Number of cycles run: 4669

Number of cycles run: 5513

Number of cycles run: 1866

Number of cycles run: 50000

Number of cycles run: 5058

Number of cycles run: 1219

Number of cycles run: 2803

Number of cycles run: 20305

Number of cycles run: 2753

Number of cycles run: 2580

Number of cycles run: 25815

Number of cycles run: 50000

Number of cycles run: 2569

Number of cycles run: 37842

Number of cycles run: 10284

Number of cycles run: 50000

Number of cycles run: 5622

Number of cycles run: 1751

Number of cycles run: 1536

Number of cycles run: 10195

Number of cycles run: 10262

Number of cycles run: 2531

Number of cycles run: 6026

Number of cycles run: 15894

Number of cycles run: 16351

Number of cycles run: 6077

Number of cycles run: 4419

Number of cycles run: 1202

Number of cycles run: 10276

Number of cycles run: 1800

Number of cycles run: 9736

Av cycles for repulsion strength 3.0 is 10491

standard diviation is 12290.5045521

Testing average cycles for repulsion strength 3.0

Number of cycles run: 2833

Number of cycles run: 16390

Number of cycles run: 1251

Number of cycles run: 29232

Number of cycles run: 27827

Number of cycles run: 4294

Number of cycles run: 1692

Number of cycles run: 4005

Number of cycles run: 3681

Number of cycles run: 5257

Number of cycles run: 2312

Number of cycles run: 2614

Number of cycles run: 3476

Number of cycles run: 3735

Number of cycles run: 3077

Number of cycles run: 50000

Number of cycles run: 4140

Number of cycles run: 5284

Number of cycles run: 7963

Number of cycles run: 13014

Number of cycles run: 2471

Number of cycles run: 11766

Number of cycles run: 4479

Number of cycles run: 50000

Number of cycles run: 2744

Number of cycles run: 8996

Number of cycles run: 50000

Number of cycles run: 9274

Number of cycles run: 15670

Number of cycles run: 5209

Number of cycles run: 7677

Number of cycles run: 5473

Number of cycles run: 49789

Number of cycles run: 10511

Number of cycles run: 4174

Number of cycles run: 35692

Number of cycles run: 6080

Number of cycles run: 3332

Number of cycles run: 13141

Number of cycles run: 7393

Number of cycles run: 21472

Number of cycles run: 6549

Number of cycles run: 2413

Number of cycles run: 2648

Number of cycles run: 7388

Number of cycles run: 4370

Number of cycles run: 6616

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 3943

Av cycles for repulsion strength 3.0 is 13026

standard diviation is 15539.7097186

Testing average cycles for repulsion strength 3.0

Number of cycles run: 10349

Number of cycles run: 6870

Number of cycles run: 23790

Number of cycles run: 10219

Number of cycles run: 4206

Number of cycles run: 50000

Number of cycles run: 23316

Number of cycles run: 5741

Number of cycles run: 4102

Number of cycles run: 4424

Number of cycles run: 3551

Number of cycles run: 5840

Number of cycles run: 1745

Number of cycles run: 3129

Number of cycles run: 19912

Number of cycles run: 2614

Number of cycles run: 15325

Number of cycles run: 5899

Number of cycles run: 10640

Number of cycles run: 50000

Number of cycles run: 6398

Number of cycles run: 1006

Number of cycles run: 3514

Number of cycles run: 22831

Number of cycles run: 6494

Number of cycles run: 5933

Number of cycles run: 50000

Number of cycles run: 4662

Number of cycles run: 12025

Number of cycles run: 4697

Number of cycles run: 3611

Number of cycles run: 4668

Number of cycles run: 2445

Number of cycles run: 7293

Number of cycles run: 2798

Number of cycles run: 4758

Number of cycles run: 8961

Number of cycles run: 6213

Number of cycles run: 6394

Number of cycles run: 4390

Number of cycles run: 3420

Number of cycles run: 18416

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 39081

Number of cycles run: 50000

Number of cycles run: 3636

Number of cycles run: 50000

Number of cycles run: 13444

Number of cycles run: 4267

Av cycles for repulsion strength 3.0 is 14260

standard diviation is 16205.4007402

Testing average cycles for repulsion strength 3.0

Number of cycles run: 50000

Number of cycles run: 2328

Number of cycles run: 50000

Number of cycles run: 11400

Number of cycles run: 3964

Number of cycles run: 50000

Number of cycles run: 17017

Number of cycles run: 8873

Number of cycles run: 19856

Number of cycles run: 14167

Number of cycles run: 20306

Number of cycles run: 11646

Number of cycles run: 9392

Number of cycles run: 1988

Number of cycles run: 50000

Number of cycles run: 3485

Number of cycles run: 23586

Number of cycles run: 7119

Number of cycles run: 4802

Number of cycles run: 6706

Number of cycles run: 50000

Number of cycles run: 10558

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 3516

Number of cycles run: 4496

Number of cycles run: 9681

Number of cycles run: 11042

Number of cycles run: 50000

Number of cycles run: 6628

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 32254

Number of cycles run: 50000

Number of cycles run: 2444

Number of cycles run: 2834

Number of cycles run: 9805

Number of cycles run: 10309

Number of cycles run: 38377

Number of cycles run: 12635

Number of cycles run: 32302

Number of cycles run: 3262

Number of cycles run: 1860

Number of cycles run: 2345

Number of cycles run: 2396

Number of cycles run: 5752

Number of cycles run: 4009

Number of cycles run: 2812

Number of cycles run: 3226

Av cycles for repulsion strength 3.0 is 19583