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\_5.py idle

Testing average cycles for repulsion strength 5.0

Number of cycles run: 3431

Number of cycles run: 50000

Number of cycles run: 3084

Number of cycles run: 49730

Number of cycles run: 3368

Number of cycles run: 10482

Number of cycles run: 4397

Number of cycles run: 5107

Number of cycles run: 3363

Number of cycles run: 3686

Number of cycles run: 14507

Number of cycles run: 3414

Number of cycles run: 5094

Number of cycles run: 50000

Number of cycles run: 6713

Number of cycles run: 2542

Number of cycles run: 50000

Number of cycles run: 5348

Number of cycles run: 6617

Number of cycles run: 17276

Number of cycles run: 4974

Number of cycles run: 12238

Number of cycles run: 1433

Number of cycles run: 5388

Number of cycles run: 1319

Number of cycles run: 7586

Number of cycles run: 2605

Number of cycles run: 49889

Number of cycles run: 8776

Number of cycles run: 6587

Number of cycles run: 3264

Number of cycles run: 1636

Number of cycles run: 26891

Number of cycles run: 5023

Number of cycles run: 50000

Number of cycles run: 10582

Number of cycles run: 3304

Number of cycles run: 2509

Number of cycles run: 9725

Number of cycles run: 50000

Number of cycles run: 2789

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 3354

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 2413

Number of cycles run: 3726

Number of cycles run: 3879

Number of cycles run: 8520

Av cycles for repulsion strength 5.0 is 15731

standard diviation is 18884.8849006

Testing average cycles for repulsion strength 5.0

Number of cycles run: 5276

Number of cycles run: 19214

Number of cycles run: 50000

Number of cycles run: 2426

Number of cycles run: 9257

Number of cycles run: 5840

Number of cycles run: 44111

Number of cycles run: 3157

Number of cycles run: 11166

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 45031

Number of cycles run: 6200

Number of cycles run: 50000

Number of cycles run: 34335

Number of cycles run: 2336

Number of cycles run: 5775

Number of cycles run: 12884

Number of cycles run: 1906

Number of cycles run: 3858

Number of cycles run: 5401

Number of cycles run: 50000

Number of cycles run: 4214

Number of cycles run: 5970

Number of cycles run: 4106

Number of cycles run: 2792

Number of cycles run: 50000

Number of cycles run: 7826

Number of cycles run: 4126

Number of cycles run: 5115

Number of cycles run: 50000

Number of cycles run: 7250

Number of cycles run: 2549

Number of cycles run: 1346

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 4017

Number of cycles run: 5209

Number of cycles run: 4623

Number of cycles run: 7026

Number of cycles run: 5532

Number of cycles run: 2223

Number of cycles run: 14110

Number of cycles run: 4789

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 7291

Number of cycles run: 3714

Number of cycles run: 5976

Number of cycles run: 2645

Av cycles for repulsion strength 5.0 is 17612

standard diviation is 19595.6236609

Testing average cycles for repulsion strength 5.0

Number of cycles run: 2335

Number of cycles run: 16653

Number of cycles run: 2048

Number of cycles run: 3671

Number of cycles run: 6404

Number of cycles run: 4657

Number of cycles run: 3404

Number of cycles run: 25067

Number of cycles run: 8326

Number of cycles run: 11729

Number of cycles run: 6764

Number of cycles run: 1870

Number of cycles run: 1191

Number of cycles run: 50000

Number of cycles run: 2844

Number of cycles run: 7258

Number of cycles run: 39052

Number of cycles run: 5573

Number of cycles run: 3016

Number of cycles run: 1976

Number of cycles run: 14634

Number of cycles run: 17209

Number of cycles run: 50000

Number of cycles run: 3782

Number of cycles run: 2681

Number of cycles run: 10173

Number of cycles run: 1421

Number of cycles run: 2593

Number of cycles run: 50000

Number of cycles run: 3101

Number of cycles run: 9281

Number of cycles run: 15840

Number of cycles run: 50000

Number of cycles run: 44512

Number of cycles run: 2360

Number of cycles run: 3642

Number of cycles run: 50000

Number of cycles run: 45013

Number of cycles run: 50000

Number of cycles run: 10528

Number of cycles run: 3623

Number of cycles run: 4320

Number of cycles run: 3375

Number of cycles run: 4996

Number of cycles run: 7805

Number of cycles run: 2062

Number of cycles run: 50000

Number of cycles run: 4471

Number of cycles run: 8483

Number of cycles run: 2984

Av cycles for repulsion strength 5.0 is 14654

standard diviation is 17504.963708

Testing average cycles for repulsion strength 5.0

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 2744

Number of cycles run: 5298

Number of cycles run: 4393

Number of cycles run: 50000

Number of cycles run: 8989

Number of cycles run: 50000

Number of cycles run: 6838

Number of cycles run: 6418

Number of cycles run: 50000

Number of cycles run: 2181

Number of cycles run: 45725

Number of cycles run: 36485

Number of cycles run: 23475

Number of cycles run: 14740

Number of cycles run: 4259

Number of cycles run: 2280

Number of cycles run: 10979

Number of cycles run: 3140

Number of cycles run: 21618

Number of cycles run: 6526

Number of cycles run: 10999

Number of cycles run: 1290

Number of cycles run: 14875

Number of cycles run: 50000

Number of cycles run: 17419

Number of cycles run: 3793

Number of cycles run: 3225

Number of cycles run: 30428

Number of cycles run: 49776

Number of cycles run: 11331

Number of cycles run: 50000

Number of cycles run: 8271

Number of cycles run: 45501

Number of cycles run: 3506

Number of cycles run: 7123

Number of cycles run: 20338

Number of cycles run: 6973

Number of cycles run: 4440

Number of cycles run: 10128

Number of cycles run: 50000

Number of cycles run: 2078

Number of cycles run: 1277

Number of cycles run: 7421

Number of cycles run: 5487

Number of cycles run: 3222

Number of cycles run: 50000

Number of cycles run: 6748

Av cycles for repulsion strength 5.0 is 19634

standard diviation is 19136.2367814

Testing average cycles for repulsion strength 5.0

Number of cycles run: 2000

Number of cycles run: 8316

Number of cycles run: 8211

Number of cycles run: 1677

Number of cycles run: 3059

Number of cycles run: 45356

Number of cycles run: 46451

Number of cycles run: 3306

Number of cycles run: 4761

Number of cycles run: 3646

Number of cycles run: 50000

Number of cycles run: 3414

Number of cycles run: 3256

Number of cycles run: 32368

Number of cycles run: 4280

Number of cycles run: 13662

Number of cycles run: 3700

Number of cycles run: 2509

Number of cycles run: 5023

Number of cycles run: 23834

Number of cycles run: 7027

Number of cycles run: 11064

Number of cycles run: 4750

Number of cycles run: 50000

Number of cycles run: 4375

Number of cycles run: 1595

Number of cycles run: 5494

Number of cycles run: 11642

Number of cycles run: 6813

Number of cycles run: 6568

Number of cycles run: 28634

Number of cycles run: 14724

Number of cycles run: 6827

Number of cycles run: 46109

Number of cycles run: 5879

Number of cycles run: 33101

Number of cycles run: 2188

Number of cycles run: 3600

Number of cycles run: 37323

Number of cycles run: 3067

Number of cycles run: 50000

Number of cycles run: 8935

Number of cycles run: 8264

Number of cycles run: 3295

Number of cycles run: 33300

Number of cycles run: 50000

Number of cycles run: 2300

Number of cycles run: 10431

Number of cycles run: 3050

Number of cycles run: 1836

Av cycles for repulsion strength 5.0 is 14620

standard diviation is 16438.2509199

Testing average cycles for repulsion strength 5.0

Number of cycles run: 50000

Number of cycles run: 6056

Number of cycles run: 20557

Number of cycles run: 11728

Number of cycles run: 24758

Number of cycles run: 2426

Number of cycles run: 2706

Number of cycles run: 26423

Number of cycles run: 6436

Number of cycles run: 2423

Number of cycles run: 2611

Number of cycles run: 9269

Number of cycles run: 15409

Number of cycles run: 6404

Number of cycles run: 8572

Number of cycles run: 27934

Number of cycles run: 10810

Number of cycles run: 15859

Number of cycles run: 1094

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 32194

Number of cycles run: 23032

Number of cycles run: 1218

Number of cycles run: 8507

Number of cycles run: 5295

Number of cycles run: 3133

Number of cycles run: 1766

Number of cycles run: 1708

Number of cycles run: 3216

Number of cycles run: 7163

Number of cycles run: 50000

Number of cycles run: 4475

Number of cycles run: 50000

Number of cycles run: 6055

Number of cycles run: 50000

Number of cycles run: 2719

Number of cycles run: 6363

Number of cycles run: 7541

Number of cycles run: 8709

Number of cycles run: 8335

Number of cycles run: 27664

Number of cycles run: 5343

Number of cycles run: 50000

Number of cycles run: 6360

Number of cycles run: 16086

Number of cycles run: 3378

Number of cycles run: 50000

Number of cycles run: 27775

Number of cycles run: 10603

Av cycles for repulsion strength 5.0 is 16602