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]$ module add anaconda3/4.4.0

[ml16m6y@comp-pc6065 ml16m6y]$ cd Downloads

[ml16m6y@comp-pc6065 Downloads]$ python schooling\_repul\_2.py idle

Testing average cycles for repulsion strength 2.0

Number of cycles run: 6231

Number of cycles run: 50000

Number of cycles run: 4550

Number of cycles run: 12522

Number of cycles run: 2673

Number of cycles run: 4527

Number of cycles run: 4213

Number of cycles run: 22733

Number of cycles run: 10407

Number of cycles run: 5624

Number of cycles run: 5080

Number of cycles run: 32924

Number of cycles run: 4406

Number of cycles run: 2831

Number of cycles run: 1842

Number of cycles run: 3789

Number of cycles run: 3129

Number of cycles run: 2602

Number of cycles run: 16795

Number of cycles run: 3925

Number of cycles run: 3779

Number of cycles run: 1422

Number of cycles run: 895

Number of cycles run: 5355

Number of cycles run: 1498

Number of cycles run: 2112

Number of cycles run: 3436

Number of cycles run: 4000

Number of cycles run: 2583

Number of cycles run: 2237

Number of cycles run: 3924

Number of cycles run: 21567

Number of cycles run: 36911

Number of cycles run: 6139

Number of cycles run: 39173

Number of cycles run: 2612

Number of cycles run: 10571

Number of cycles run: 1981

Number of cycles run: 28061

Number of cycles run: 8329

Number of cycles run: 6673

Number of cycles run: 50000

Number of cycles run: 2275

Number of cycles run: 50000

Number of cycles run: 1079

Number of cycles run: 9102

Number of cycles run: 17326

Number of cycles run: 4525

Number of cycles run: 12219

Number of cycles run: 50000

Av cycles for repulsion strength 2.0 is 11811

standard diviation is 14639.6828822

Testing average cycles for repulsion strength 2.0

Number of cycles run: 7806

Number of cycles run: 2506

Number of cycles run: 7138

Number of cycles run: 7643

Number of cycles run: 4482

Number of cycles run: 50000

Number of cycles run: 9857

Number of cycles run: 5959

Number of cycles run: 50000

Number of cycles run: 3121

Number of cycles run: 50000

Number of cycles run: 1573

Number of cycles run: 9904

Number of cycles run: 3385

Number of cycles run: 4519

Number of cycles run: 4846

Number of cycles run: 8896

Number of cycles run: 3292

Number of cycles run: 3217

Number of cycles run: 4226

Number of cycles run: 7477

Number of cycles run: 47041

Number of cycles run: 8558

Number of cycles run: 7456

Number of cycles run: 50000

Number of cycles run: 3423

Number of cycles run: 1856

Number of cycles run: 49114

Number of cycles run: 17157

Number of cycles run: 3564

Number of cycles run: 1736

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 6193

Number of cycles run: 5305

Number of cycles run: 50000

Number of cycles run: 2979

Number of cycles run: 5074

Number of cycles run: 4197

Number of cycles run: 50000

Number of cycles run: 3931

Number of cycles run: 4553

Number of cycles run: 4800

Number of cycles run: 27831

Number of cycles run: 6780

Number of cycles run: 2699

Number of cycles run: 3464

Number of cycles run: 13816

Number of cycles run: 1973

Number of cycles run: 50000

Av cycles for repulsion strength 2.0 is 15666

standard diviation is 18729.057708

Testing average cycles for repulsion strength 2.0

Number of cycles run: 3761

Number of cycles run: 3604

Number of cycles run: 50000

Number of cycles run: 6327

Number of cycles run: 1252

Number of cycles run: 6347

Number of cycles run: 6016

Number of cycles run: 3719

Number of cycles run: 5331

Number of cycles run: 50000

Number of cycles run: 3058

Number of cycles run: 2467

Number of cycles run: 3945

Number of cycles run: 50000

Number of cycles run: 3157

Number of cycles run: 4275

Number of cycles run: 33493

Number of cycles run: 4100

Number of cycles run: 1721

Number of cycles run: 10320

Number of cycles run: 3219

Number of cycles run: 4792

Number of cycles run: 5505

Number of cycles run: 50000

Number of cycles run: 2691

Number of cycles run: 50000

Number of cycles run: 2906

Number of cycles run: 50000

Number of cycles run: 6020

Number of cycles run: 10406

Number of cycles run: 5421

Number of cycles run: 3281

Number of cycles run: 5075

Number of cycles run: 4201

Number of cycles run: 36533

Number of cycles run: 2566

Number of cycles run: 20244

Number of cycles run: 50000

Number of cycles run: 10359

Number of cycles run: 8212

Number of cycles run: 50000

Number of cycles run: 13770

Number of cycles run: 6293

Number of cycles run: 11174

Number of cycles run: 3714

Number of cycles run: 50000

Number of cycles run: 5161

Number of cycles run: 50000

Number of cycles run: 21870

Number of cycles run: 44044

Av cycles for repulsion strength 2.0 is 16807

standard diviation is 18853.2877899

Testing average cycles for repulsion strength 2.0

Number of cycles run: 3624

Number of cycles run: 4581

Number of cycles run: 1700

Number of cycles run: 10958

Number of cycles run: 3518

Number of cycles run: 2721

Number of cycles run: 5007

Number of cycles run: 1460

Number of cycles run: 21384

Number of cycles run: 41947

Number of cycles run: 4490

Number of cycles run: 3210

Number of cycles run: 50000

Number of cycles run: 11555

Number of cycles run: 5633

Number of cycles run: 50000

Number of cycles run: 7997

Number of cycles run: 2246

Number of cycles run: 5829

Number of cycles run: 32385

Number of cycles run: 1286

Number of cycles run: 2129

Number of cycles run: 3111

Number of cycles run: 3096

Number of cycles run: 50000

Number of cycles run: 12831

Number of cycles run: 6937

Number of cycles run: 5387

Number of cycles run: 3030

Number of cycles run: 50000

Number of cycles run: 4906

Number of cycles run: 50000

Number of cycles run: 5530

Number of cycles run: 50000

Number of cycles run: 5468

Number of cycles run: 12330

Number of cycles run: 2787

Number of cycles run: 1311

Number of cycles run: 4941

Number of cycles run: 1106

Number of cycles run: 13994

Number of cycles run: 6309

Number of cycles run: 3984

Number of cycles run: 3088

Number of cycles run: 2549

Number of cycles run: 32999

Number of cycles run: 27659

Number of cycles run: 50000

Number of cycles run: 4880

Number of cycles run: 7331

Av cycles for repulsion strength 2.0 is 13984

standard diviation is 17045.7047331

Testing average cycles for repulsion strength 2.0

Number of cycles run: 8322

Number of cycles run: 1741

Number of cycles run: 3515

Number of cycles run: 5331

Number of cycles run: 4290

Number of cycles run: 11150

Number of cycles run: 2649

Number of cycles run: 22316

Number of cycles run: 15664

Number of cycles run: 3443

Number of cycles run: 2716

Number of cycles run: 13742

Number of cycles run: 6522

Number of cycles run: 8596

Number of cycles run: 10904

Number of cycles run: 2867

Number of cycles run: 50000

Number of cycles run: 21099

Number of cycles run: 5443

Number of cycles run: 11582

Number of cycles run: 50000

Number of cycles run: 6630

Number of cycles run: 50000

Number of cycles run: 7861

Number of cycles run: 5795

Number of cycles run: 6490

Number of cycles run: 12492

Number of cycles run: 5347

Number of cycles run: 2696

Number of cycles run: 2399

Number of cycles run: 50000

Number of cycles run: 12004

Number of cycles run: 1275

Number of cycles run: 8337

Number of cycles run: 16005

Number of cycles run: 3804

Number of cycles run: 6544

Number of cycles run: 9093

Number of cycles run: 9475

Number of cycles run: 2971

Number of cycles run: 6289

Number of cycles run: 50000

Number of cycles run: 6285

Number of cycles run: 15958

Number of cycles run: 31403

Number of cycles run: 4906

Number of cycles run: 12627

Number of cycles run: 3143

Number of cycles run: 2568

Number of cycles run: 2385

Av cycles for repulsion strength 2.0 is 12333

standard diviation is 13979.2877592

Testing average cycles for repulsion strength 2.0

Number of cycles run: 2508

Number of cycles run: 6981

Number of cycles run: 4257

Number of cycles run: 3456

Number of cycles run: 2189

Number of cycles run: 1836

Number of cycles run: 20082

Number of cycles run: 47007

Number of cycles run: 6573

Number of cycles run: 6561

Number of cycles run: 4206

Number of cycles run: 39859

Number of cycles run: 18054

Number of cycles run: 3149

Number of cycles run: 50000

Number of cycles run: 10533

Number of cycles run: 17183

Number of cycles run: 4103

Number of cycles run: 2814

Number of cycles run: 4345

Number of cycles run: 50000

Number of cycles run: 3107

Number of cycles run: 4352

Number of cycles run: 26994

Number of cycles run: 11331

Number of cycles run: 5722

Number of cycles run: 3976

Number of cycles run: 3137

Number of cycles run: 2377

Number of cycles run: 3021

Number of cycles run: 50000

Number of cycles run: 2759

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 1242

Number of cycles run: 4908

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 4904

Number of cycles run: 2381

Number of cycles run: 1785

Number of cycles run: 7048

Number of cycles run: 3713

Number of cycles run: 6259

Number of cycles run: 50000

Number of cycles run: 1252

Number of cycles run: 5633

Number of cycles run: 45085

Number of cycles run: 2710

Number of cycles run: 6513

Av cycles for repulsion strength 2.0 is 15318

standard diviation is 18458.8317518

Testing average cycles for repulsion strength 2.0

Number of cycles run: 7706

Number of cycles run: 15485

Number of cycles run: 5100

Number of cycles run: 5024

Number of cycles run: 16865

Number of cycles run: 50000

Number of cycles run: 1592

Number of cycles run: 1496

Number of cycles run: 10928