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\_4.py idle

Testing average cycles for repulsion strength 4.0

Number of cycles run: 9925

Number of cycles run: 10009

Number of cycles run: 4928

Number of cycles run: 42282

Number of cycles run: 4579

Number of cycles run: 50000

Number of cycles run: 4042

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 4197

Number of cycles run: 2536

Number of cycles run: 2496

Number of cycles run: 7912

Number of cycles run: 3598

Number of cycles run: 5682

Number of cycles run: 13969

Number of cycles run: 965

Number of cycles run: 50000

Number of cycles run: 40606

Number of cycles run: 1661

Number of cycles run: 9488

Number of cycles run: 3195

Number of cycles run: 50000

Number of cycles run: 8982

Number of cycles run: 1893

Number of cycles run: 13219

Number of cycles run: 2491

Number of cycles run: 50000

Number of cycles run: 8849

Number of cycles run: 15521

Number of cycles run: 4906

Number of cycles run: 3259

Number of cycles run: 8151

Number of cycles run: 3746

Number of cycles run: 1125

Number of cycles run: 38689

Number of cycles run: 4514

Number of cycles run: 7370

Number of cycles run: 28574

Number of cycles run: 2593

Number of cycles run: 4390

Number of cycles run: 8224

Number of cycles run: 10475

Number of cycles run: 50000

Number of cycles run: 3571

Number of cycles run: 1295

Number of cycles run: 1742

Number of cycles run: 3956

Number of cycles run: 4742

Number of cycles run: 3103

Av cycles for repulsion strength 4.0 is 14349

standard diviation is 17318.6168392

Testing average cycles for repulsion strength 4.0

Number of cycles run: 2889

Number of cycles run: 4746

Number of cycles run: 7669

Number of cycles run: 50000

Number of cycles run: 6777

Number of cycles run: 9114

Number of cycles run: 5946

Number of cycles run: 10655

Number of cycles run: 2229

Number of cycles run: 50000

Number of cycles run: 4386

Number of cycles run: 2983

Number of cycles run: 13973

Number of cycles run: 2753

Number of cycles run: 7652

Number of cycles run: 5287

Number of cycles run: 2149

Number of cycles run: 4808

Number of cycles run: 4154

Number of cycles run: 50000

Number of cycles run: 4916

Number of cycles run: 2880

Number of cycles run: 11619

Number of cycles run: 8099

Number of cycles run: 1903

Number of cycles run: 3824

Number of cycles run: 2716

Number of cycles run: 4993

Number of cycles run: 50000

Number of cycles run: 3380

Number of cycles run: 3708

Number of cycles run: 3086

Number of cycles run: 50000

Number of cycles run: 2043

Number of cycles run: 32194

Number of cycles run: 50000

Number of cycles run: 9314

Number of cycles run: 5521

Number of cycles run: 4653

Number of cycles run: 3560

Number of cycles run: 4577

Number of cycles run: 10143

Number of cycles run: 50000

Number of cycles run: 24678

Number of cycles run: 1958

Number of cycles run: 2380

Number of cycles run: 4718

Number of cycles run: 50000

Number of cycles run: 3216

Number of cycles run: 3507

Av cycles for repulsion strength 4.0 is 13235

standard diviation is 17067.8629063

Testing average cycles for repulsion strength 4.0

Number of cycles run: 9797

Number of cycles run: 2426

Number of cycles run: 2920

Number of cycles run: 2527

Number of cycles run: 2851

Number of cycles run: 16790

Number of cycles run: 8963

Number of cycles run: 5349

Number of cycles run: 50000

Number of cycles run: 3975

Number of cycles run: 8845

Number of cycles run: 3311

Number of cycles run: 7660

Number of cycles run: 3628

Number of cycles run: 1015

Number of cycles run: 11247

Number of cycles run: 6954

Number of cycles run: 3762

Number of cycles run: 37101

Number of cycles run: 33711

Number of cycles run: 3122

Number of cycles run: 7499

Number of cycles run: 8305

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 2740

Number of cycles run: 2636

Number of cycles run: 5215

Number of cycles run: 4545

Number of cycles run: 2084

Number of cycles run: 50000

Number of cycles run: 4015

Number of cycles run: 28483

Number of cycles run: 4421

Number of cycles run: 4706

Number of cycles run: 50000

Number of cycles run: 44238

Number of cycles run: 6449

Number of cycles run: 27022

Number of cycles run: 5366

Number of cycles run: 7749

Number of cycles run: 50000

Number of cycles run: 6545

Number of cycles run: 37303

Number of cycles run: 4000

Number of cycles run: 2726

Number of cycles run: 2062

Number of cycles run: 1025

Av cycles for repulsion strength 4.0 is 15901

standard diviation is 18128.5947141

Testing average cycles for repulsion strength 4.0

Number of cycles run: 4269

Number of cycles run: 11017

Number of cycles run: 3623

Number of cycles run: 4859

Number of cycles run: 2502

Number of cycles run: 9343

Number of cycles run: 2076

Number of cycles run: 50000

Number of cycles run: 7260

Number of cycles run: 2743

Number of cycles run: 21863

Number of cycles run: 1746

Number of cycles run: 2960

Number of cycles run: 15675

Number of cycles run: 4288

Number of cycles run: 9107

Number of cycles run: 9897

Number of cycles run: 4887

Number of cycles run: 17543

Number of cycles run: 50000

Number of cycles run: 27805

Number of cycles run: 4460

Number of cycles run: 3218

Number of cycles run: 2505

Number of cycles run: 12746

Number of cycles run: 1113

Number of cycles run: 5970

Number of cycles run: 4764

Number of cycles run: 1723

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 2826

Number of cycles run: 5894

Number of cycles run: 6582

Number of cycles run: 50000

Number of cycles run: 2887

Number of cycles run: 7977

Number of cycles run: 50000

Number of cycles run: 3513

Number of cycles run: 1172

Number of cycles run: 2770

Number of cycles run: 2860

Number of cycles run: 3971

Number of cycles run: 13406

Number of cycles run: 9607

Number of cycles run: 2868

Number of cycles run: 6213

Number of cycles run: 4303

Number of cycles run: 50000

Number of cycles run: 28455

Av cycles for repulsion strength 4.0 is 13105

standard diviation is 16224.4584683

Testing average cycles for repulsion strength 4.0

Number of cycles run: 1145

Number of cycles run: 12110

Number of cycles run: 2779

Number of cycles run: 2216

Number of cycles run: 5819

Number of cycles run: 5784

Number of cycles run: 1824

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 17530

Number of cycles run: 7378

Number of cycles run: 2848

Number of cycles run: 3775

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 2640

Number of cycles run: 9575

Number of cycles run: 5089

Number of cycles run: 5779

Number of cycles run: 5093

Number of cycles run: 11688

Number of cycles run: 7357

Number of cycles run: 2781

Number of cycles run: 7933

Number of cycles run: 4635

Number of cycles run: 7501

Number of cycles run: 5079

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 4227

Number of cycles run: 3390

Number of cycles run: 1178

Number of cycles run: 11366

Number of cycles run: 2063

Number of cycles run: 2307

Number of cycles run: 5143

Number of cycles run: 2033

Number of cycles run: 2571

Number of cycles run: 6298

Number of cycles run: 26952

Number of cycles run: 35206

Number of cycles run: 8404

Number of cycles run: 2401

Number of cycles run: 50000

Number of cycles run: 11086

Number of cycles run: 8240

Number of cycles run: 9875

Av cycles for repulsion strength 4.0 is 15621

standard diviation is 18371.9125741

Testing average cycles for repulsion strength 4.0

Number of cycles run: 3564

Number of cycles run: 8150

Number of cycles run: 50000

Number of cycles run: 2620

Number of cycles run: 15626

Number of cycles run: 29160

Number of cycles run: 5265

Number of cycles run: 8553

Number of cycles run: 5730

Number of cycles run: 50000

Number of cycles run: 42635

Number of cycles run: 49329

Number of cycles run: 8281

Number of cycles run: 4741

Number of cycles run: 10273

Number of cycles run: 50000

Number of cycles run: 3628

Number of cycles run: 4223

Number of cycles run: 5018

Number of cycles run: 50000

Number of cycles run: 2944

Number of cycles run: 44991

Number of cycles run: 50000

Number of cycles run: 7143

Number of cycles run: 4191

Number of cycles run: 11489

Number of cycles run: 3691

Number of cycles run: 5214

Number of cycles run: 1109

Number of cycles run: 3930

Number of cycles run: 4913

Number of cycles run: 7331

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 6917

Number of cycles run: 50000

Number of cycles run: 4299

Number of cycles run: 1131

Number of cycles run: 1929

Number of cycles run: 7394

Number of cycles run: 3707

Number of cycles run: 2586

Number of cycles run: 50000

Number of cycles run: 4365

Number of cycles run: 2954

Number of cycles run: 50000

Number of cycles run: 5924

Number of cycles run: 4728

Number of cycles run: 6420

Number of cycles run: 4153

Av cycles for repulsion strength 4.0 is 17204

standard diviation is 19523.082821

Testing average cycles for repulsion strength 4.0

Number of cycles run: 6177

Number of cycles run: 1817

Number of cycles run: 3795

Number of cycles run: 2989

Number of cycles run: 6455

Number of cycles run: 7645

Number of cycles run: 2811

Number of cycles run: 44315

Number of cycles run: 50000

Number of cycles run: 3866

Number of cycles run: 6260

Number of cycles run: 12565

Number of cycles run: 3074

Number of cycles run: 7738

Number of cycles run: 4120

Number of cycles run: 2522

Number of cycles run: 7415

Number of cycles run: 19515