8739.66666667

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\_1.0.py idle

python: can't open file 'schooling\_repul\_1.0.py': [Errno 2] No such file or directory

[ml16m6y@comp-pc6065 Downloads]$ python schooling\_repul\_1.py idle

Testing average cycles for repulsion strength 1.0

Number of cycles run: 1294

Number of cycles run: 8648

Number of cycles run: 7271

Number of cycles run: 50000

Number of cycles run: 6593

Number of cycles run: 6269

Number of cycles run: 2880

Number of cycles run: 3096

Number of cycles run: 1801

Number of cycles run: 3290

Number of cycles run: 15506

Number of cycles run: 5543

Number of cycles run: 8807

Number of cycles run: 5601

Number of cycles run: 7372

Number of cycles run: 15358

Number of cycles run: 6198

Number of cycles run: 5973

Number of cycles run: 1479

Number of cycles run: 3344

Number of cycles run: 3430

Number of cycles run: 14297

Number of cycles run: 7733

Number of cycles run: 50000

Number of cycles run: 6186

Number of cycles run: 2751

Number of cycles run: 12523

Number of cycles run: 3747

Number of cycles run: 3870

Number of cycles run: 3767

Number of cycles run: 1908

Number of cycles run: 4464

Number of cycles run: 4035

Number of cycles run: 1725

Number of cycles run: 4630

Number of cycles run: 50000

Number of cycles run: 7867

Number of cycles run: 6519

Number of cycles run: 50000

Number of cycles run: 5895

Number of cycles run: 7944

Number of cycles run: 2187

Number of cycles run: 5961

Number of cycles run: 11933

Number of cycles run: 2244

Number of cycles run: 10244

Number of cycles run: 6304

Number of cycles run: 4919

Number of cycles run: 3269

Number of cycles run: 7010

Av cycles for repulsion strength 1.0 is 9473

standard diviation is 12551.1695922

Testing average cycles for repulsion strength 1.0

Number of cycles run: 1888

Number of cycles run: 3255

Number of cycles run: 4812

Number of cycles run: 3360

Number of cycles run: 9910

Number of cycles run: 13749

Number of cycles run: 3092

Number of cycles run: 4577

Number of cycles run: 13562

Number of cycles run: 4263

Number of cycles run: 3693

Number of cycles run: 6477

Number of cycles run: 3913

Number of cycles run: 2656

Number of cycles run: 4894

Number of cycles run: 2010

Number of cycles run: 1620

Number of cycles run: 4411

Number of cycles run: 10987

Number of cycles run: 23658

Number of cycles run: 4513

Number of cycles run: 8159

Number of cycles run: 18488

Number of cycles run: 3177

Number of cycles run: 1079

Number of cycles run: 5355

Number of cycles run: 7055

Number of cycles run: 5255

Number of cycles run: 12665

Number of cycles run: 1296

Number of cycles run: 4116

Number of cycles run: 1575

Number of cycles run: 7029

Number of cycles run: 3990

Number of cycles run: 2072

Number of cycles run: 3640

Number of cycles run: 1497

Number of cycles run: 50000

Number of cycles run: 6388

Number of cycles run: 2351

Number of cycles run: 2013

Number of cycles run: 50000

Number of cycles run: 12768

Number of cycles run: 1582

Number of cycles run: 2651

Number of cycles run: 13623

Number of cycles run: 6789

Number of cycles run: 6063

Number of cycles run: 5831

Number of cycles run: 1135

Av cycles for repulsion strength 1.0 is 7578

standard diviation is 9943.00417453

Testing average cycles for repulsion strength 1.0

Number of cycles run: 5266

Number of cycles run: 22527

Number of cycles run: 12636

Number of cycles run: 2960

Number of cycles run: 5692

Number of cycles run: 1030

Number of cycles run: 35460

Number of cycles run: 5542

Number of cycles run: 6019

Number of cycles run: 6001

Number of cycles run: 2397

Number of cycles run: 2210

Number of cycles run: 6547

Number of cycles run: 1116

Number of cycles run: 6866

Number of cycles run: 3768

Number of cycles run: 4776

Number of cycles run: 5069

Number of cycles run: 1085

Number of cycles run: 3367

Number of cycles run: 2261

Number of cycles run: 5467

Number of cycles run: 6177

Number of cycles run: 3903

Number of cycles run: 50000

Number of cycles run: 4497

Number of cycles run: 9004

Number of cycles run: 3406

Number of cycles run: 3480

Number of cycles run: 3193

Number of cycles run: 3832

Number of cycles run: 17584

Number of cycles run: 7253

Number of cycles run: 2919

Number of cycles run: 9821

Number of cycles run: 7618

Number of cycles run: 2446

Number of cycles run: 3842

Number of cycles run: 3756

Number of cycles run: 8238

Number of cycles run: 5304

Number of cycles run: 2321

Number of cycles run: 7484

Number of cycles run: 20780

Number of cycles run: 1448

Number of cycles run: 5641

Number of cycles run: 13765

Number of cycles run: 29751

Number of cycles run: 11286

Number of cycles run: 2519

Av cycles for repulsion strength 1.0 is 7986

standard diviation is 9274.31444411

Testing average cycles for repulsion strength 1.0

Number of cycles run: 2603

Number of cycles run: 3357

Number of cycles run: 1064

Number of cycles run: 1352

Number of cycles run: 50000

Number of cycles run: 7422

Number of cycles run: 8520

Number of cycles run: 4096

Number of cycles run: 2970

Number of cycles run: 11792

Number of cycles run: 3257

Number of cycles run: 5067

Number of cycles run: 15673

Number of cycles run: 50000

Number of cycles run: 2719

Number of cycles run: 9912

Number of cycles run: 15371

Number of cycles run: 3932

Number of cycles run: 50000

Number of cycles run: 29651

Number of cycles run: 5268

Number of cycles run: 6637

Number of cycles run: 1161

Number of cycles run: 6594

Number of cycles run: 1133

Number of cycles run: 3585

Number of cycles run: 5608

Number of cycles run: 1660

Number of cycles run: 3976

Number of cycles run: 4815

Number of cycles run: 16864

Number of cycles run: 6270

Number of cycles run: 6949

Number of cycles run: 4192

Number of cycles run: 2949

Number of cycles run: 2172

Number of cycles run: 3273

Number of cycles run: 20382

Number of cycles run: 2593

Number of cycles run: 40036

Number of cycles run: 1738

Number of cycles run: 6201

Number of cycles run: 4278

Number of cycles run: 4219

Number of cycles run: 6276

Number of cycles run: 930

Number of cycles run: 5841

Number of cycles run: 5507

Number of cycles run: 5752

Number of cycles run: 15071

Av cycles for repulsion strength 1.0 is 9613

standard diviation is 12613.3805751

Testing average cycles for repulsion strength 1.0

Number of cycles run: 1725

Number of cycles run: 7068

Number of cycles run: 7084

Number of cycles run: 4845

Number of cycles run: 4217

Number of cycles run: 3323

Number of cycles run: 2914

Number of cycles run: 4333

Number of cycles run: 24916

Number of cycles run: 13393

Number of cycles run: 4535

Number of cycles run: 2614

Number of cycles run: 5176

Number of cycles run: 7558

Number of cycles run: 10123

Number of cycles run: 50000

Number of cycles run: 47958

Number of cycles run: 4301

Number of cycles run: 3663

Number of cycles run: 2101

Number of cycles run: 3146

Number of cycles run: 7169

Number of cycles run: 11127

Number of cycles run: 9494

Number of cycles run: 4046

Number of cycles run: 50000

Number of cycles run: 4287

Number of cycles run: 2654

Number of cycles run: 3960

Number of cycles run: 2745

Number of cycles run: 6964

Number of cycles run: 3517

Number of cycles run: 12163

Number of cycles run: 5212

Number of cycles run: 8697

Number of cycles run: 13077

Number of cycles run: 5996

Number of cycles run: 50000

Number of cycles run: 3209

Number of cycles run: 1576

Number of cycles run: 4432

Number of cycles run: 7820

Number of cycles run: 5427

Number of cycles run: 4671

Number of cycles run: 5312

Number of cycles run: 10858

Number of cycles run: 1703

Number of cycles run: 5713

Number of cycles run: 7519

Number of cycles run: 6777

Av cycles for repulsion strength 1.0 is 9622

standard diviation is 12528.5272124

Testing average cycles for repulsion strength 1.0

Number of cycles run: 1152

Number of cycles run: 6486

Number of cycles run: 2910

Number of cycles run: 5260

Number of cycles run: 2297

Number of cycles run: 4709

Number of cycles run: 15252

Number of cycles run: 17478

Number of cycles run: 1997

Number of cycles run: 50000

Number of cycles run: 5149

Number of cycles run: 3561

Number of cycles run: 2721

Number of cycles run: 4037

Number of cycles run: 3317

Number of cycles run: 7366

Number of cycles run: 2383

Number of cycles run: 5527

Number of cycles run: 3175

Number of cycles run: 2152

Number of cycles run: 5181

Number of cycles run: 6047

Number of cycles run: 7158

Number of cycles run: 4216

Number of cycles run: 2414

Number of cycles run: 2203

Number of cycles run: 4696

Number of cycles run: 34275

Number of cycles run: 16053

Number of cycles run: 12087

Number of cycles run: 32266

Number of cycles run: 3673

Number of cycles run: 5944

Number of cycles run: 2739

Number of cycles run: 7674

Number of cycles run: 2824

Number of cycles run: 38418

Number of cycles run: 2551

Number of cycles run: 3171

Number of cycles run: 1219

Number of cycles run: 2791

Number of cycles run: 50000

Number of cycles run: 2327

Number of cycles run: 1513

Number of cycles run: 16826

Number of cycles run: 8760

Number of cycles run: 3058

Number of cycles run: 3147

Number of cycles run: 2966

Number of cycles run: 15213

Av cycles for repulsion strength 1.0 is 8966

standard diviation is 11819.0799744

Testing average cycles for repulsion strength 1.0

Number of cycles run: 50000

Number of cycles run: 5322

Number of cycles run: 16260

Number of cycles run: 32530

Number of cycles run: 7120

Number of cycles run: 2379

Number of cycles run: 6720

Number of cycles run: 3475

Number of cycles run: 3722

Number of cycles run: 3672

Number of cycles run: 12919

Number of cycles run: 8163

Number of cycles run: 2241

Number of cycles run: 7176

Number of cycles run: 5277

Number of cycles run: 4283

Number of cycles run: 4313

Number of cycles run: 3105

Number of cycles run: 8553

Number of cycles run: 50000

Number of cycles run: 8055

Number of cycles run: 952

Number of cycles run: 2533

Number of cycles run: 4265

Number of cycles run: 2105

Number of cycles run: 50000

Number of cycles run: 3151

Number of cycles run: 6127

Number of cycles run: 5242

Number of cycles run: 3875

Number of cycles run: 9942

Number of cycles run: 27124

Number of cycles run: 5465

Number of cycles run: 1978

Number of cycles run: 1734

Number of cycles run: 4779

Number of cycles run: 3629

Number of cycles run: 1644

Number of cycles run: 4902

Number of cycles run: 2907

Number of cycles run: 3460

Number of cycles run: 3707

Number of cycles run: 2417

Number of cycles run: 2880

Number of cycles run: 4702

Number of cycles run: 50000

Number of cycles run: 8360

Number of cycles run: 23813

Number of cycles run: 3882

Number of cycles run: 5033

Av cycles for repulsion strength 1.0 is 9917

standard diviation is 13460.3796259

Testing average cycles for repulsion strength 1.0

Number of cycles run: 20479

Number of cycles run: 8342

Number of cycles run: 4887

Number of cycles run: 50000

Number of cycles run: 1834

Number of cycles run: 8298

Number of cycles run: 11332

Number of cycles run: 2380

Number of cycles run: 8072

Number of cycles run: 3581

Number of cycles run: 2041

Number of cycles run: 3056

Number of cycles run: 2704

Number of cycles run: 2769

Number of cycles run: 4237

Number of cycles run: 4306

Number of cycles run: 1660

Number of cycles run: 2517

Number of cycles run: 8847

Number of cycles run: 2999

Number of cycles run: 4529

Number of cycles run: 3714

Number of cycles run: 1801

Number of cycles run: 1582

Number of cycles run: 12885

Number of cycles run: 4503

Number of cycles run: 3417

Number of cycles run: 3548

Number of cycles run: 3055

Number of cycles run: 3802

Number of cycles run: 5576

Number of cycles run: 8179

Number of cycles run: 11922

Number of cycles run: 6963

Number of cycles run: 39482

Number of cycles run: 5671

Number of cycles run: 2064

Number of cycles run: 1978

Number of cycles run: 2468

Number of cycles run: 9325

Number of cycles run: 2555

Number of cycles run: 3150

Number of cycles run: 4138

Number of cycles run: 3817

Number of cycles run: 3608

Number of cycles run: 10838

Number of cycles run: 2680

Number of cycles run: 4138

Number of cycles run: 3063

Number of cycles run: 2980

Av cycles for repulsion strength 1.0 is 6635

standard diviation is 8728.82634924

Testing average cycles for repulsion strength 1.0

Number of cycles run: 5716

Number of cycles run: 7928

Number of cycles run: 9838

Number of cycles run: 4848

Number of cycles run: 2332

Number of cycles run: 13680

Number of cycles run: 3008

Number of cycles run: 7178

Number of cycles run: 5054

Number of cycles run: 9092

Number of cycles run: 1588

Number of cycles run: 9673

Number of cycles run: 12265

Number of cycles run: 50000

Number of cycles run: 1874

Number of cycles run: 7778

Number of cycles run: 3380

Number of cycles run: 3982

Number of cycles run: 4596

Number of cycles run: 5491

Number of cycles run: 3949

Number of cycles run: 3123

Number of cycles run: 6116

Number of cycles run: 3305

Number of cycles run: 3229

Number of cycles run: 3551

Number of cycles run: 3579

Number of cycles run: 50000

Number of cycles run: 4655

Number of cycles run: 6955

Number of cycles run: 8007

Number of cycles run: 2939

Number of cycles run: 1112

Number of cycles run: 4485

Number of cycles run: 20439

Number of cycles run: 4493

Number of cycles run: 4464

Number of cycles run: 11283

Number of cycles run: 2448

Number of cycles run: 4122

Number of cycles run: 50000

Number of cycles run: 3701

Number of cycles run: 12342

Number of cycles run: 1604

Number of cycles run: 8043

Number of cycles run: 7640

Number of cycles run: 25751

Number of cycles run: 4420

Number of cycles run: 5078

Number of cycles run: 3237

Av cycles for repulsion strength 1.0 is 8867

standard diviation is 11452.7345065

Testing average cycles for repulsion strength 1.0

Number of cycles run: 3095

Number of cycles run: 4286

Number of cycles run: 3555

Number of cycles run: 4976

Number of cycles run: 13730

Number of cycles run: 2944

Number of cycles run: 2695

Number of cycles run: 6831

Number of cycles run: 2556

Number of cycles run: 12919

Number of cycles run: 10359

Number of cycles run: 5421

Number of cycles run: 10627

Number of cycles run: 3892

Number of cycles run: 3926

Number of cycles run: 8819

Number of cycles run: 1674

Number of cycles run: 3850

Number of cycles run: 8129

Number of cycles run: 4898

Number of cycles run: 3308

Number of cycles run: 2892