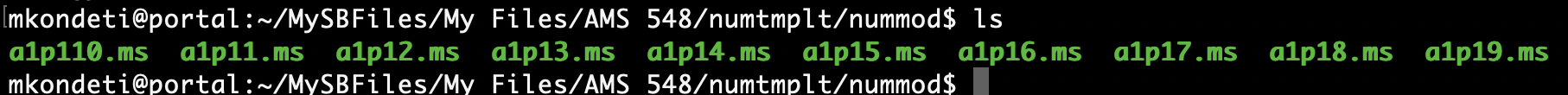
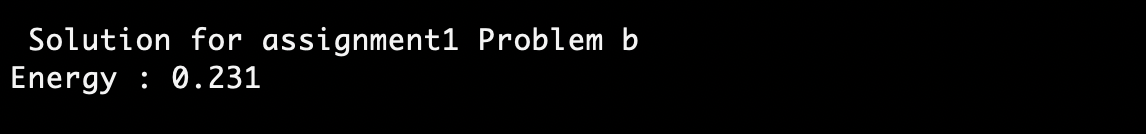
**AMS 548 ASSIGNMENTS OUTPUTS**

**Assignment 1 Program a Output:**

****

**These are the 10 files which are created for visualizing the rotation**

**Assignment 1 Program b Output:**

****

**Assignment 1 Program c Output:**

**A screenshot of a cell phone

Description automatically generated**

**Assignment 1 Program d Output:**

**A close up of a sign

Description automatically generated**

**Assignment 1 Program e Output:**

**The values of the electrostatic energy are :**

0.149632

0.049670

0.003452

-0.021590

-0.037361

-0.048158

-0.055876

-0.061534

-0.065751

-0.068930

-0.071340

-0.073167

-0.074540

-0.075551

-0.076267

-0.076739

-0.077005

-0.077095

-0.077035

-0.076845

-0.076541

-0.076139

-0.075651

-0.075088

-0.074462

-0.073779

-0.073049

-0.072279

-0.071474

-0.070640

-0.069783

-0.068908

-0.068017

-0.067116

-0.066206

-0.065293

-0.064377

-0.063462

-0.062548

-0.061638

-0.060735

-0.059838

-0.058950

-0.058070

-0.057201

-0.056343

-0.055497

-0.054663

-0.053842

-0.053034

-0.052239

-0.051457

-0.050690

-0.049936

-0.049197

-0.048471

-0.047759

-0.047062

-0.046378

-0.045708

-0.045052

-0.044409

-0.043780

-0.043164

-0.042560

-0.041970

-0.041392

-0.040827

-0.040274

-0.039733

-0.039203

-0.038685

-0.038179

-0.037683

-0.037198

-0.036724

-0.036261

-0.035807

-0.035363

-0.034929

-0.034505

-0.034089

-0.033683

-0.033286

-0.032897

-0.032516

-0.032144

-0.031780

-0.031424

-0.031075

-0.030734

-0.030400

-0.030073

-0.029753

-0.029439

-0.029133

-0.028832

-0.028538

-0.028250

-0.027968

-0.027692

-0.027422

-0.027156

-0.026897

-0.026642

-0.026393

-0.026149

-0.025909

-0.025674

-0.025444

-0.025219

-0.024997

-0.024780

-0.024568

-0.024359

-0.024154

-0.023953

-0.023756

-0.023563

-0.023373

-0.023187

-0.023004

-0.022825

-0.022649

-0.022475

-0.022306

-0.022139

-0.021975

-0.021814

-0.021656

-0.021501

-0.021348

-0.021198

-0.021051

-0.020906

-0.020763

-0.020623

-0.020485

-0.020350

-0.020217

-0.020086

-0.019957

-0.019830

-0.019705

-0.019582

-0.019462

-0.019343

-0.019226

-0.019110

-0.018997

-0.018885

-0.018775

-0.018667

-0.018560

-0.018455

-0.018352

-0.018250

-0.018149

-0.018051

-0.017953

-0.017857

-0.017762

-0.017669

-0.017576

-0.017486

-0.017396

-0.017308

-0.017221

-0.017135

-0.017050

-0.016966

-0.016884

-0.016802

-0.016722

-0.016643

-0.016565

-0.016487

-0.016411

-0.016336

-0.016262

-0.016188

-0.016116

-0.016044

-0.015974

-0.015904

-0.015835

-0.015767

-0.015699

-0.015633

-0.015567

-0.015502

-0.015438

-0.015375

-0.015312

-0.015250

-0.015189

-0.015128

-0.015068

-0.015009

-0.014950

**Assignment 1 Program f Output:**

**The plot of energy values as a function of distance is :**

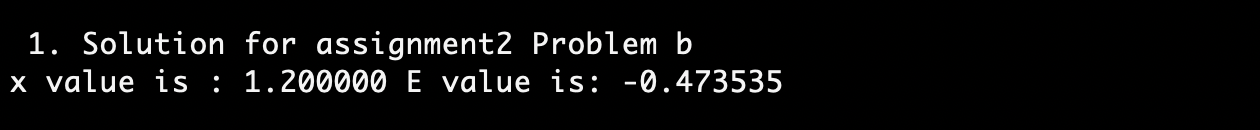
**A close up of a map

Description automatically generated**

**Assignment 2 Program a Output:**

****

**Assignment 2 Program b Output:**

****

**Assignment 2 Program c Output:**

**A screenshot of a cell phone

Description automatically generated**