

art 2 (Optimization)/Workshop 3')
298396.05747326626
235.0838926191198
40.77914719998252 -73.96808039994268

EXERCISE 1

41.575820188311546 -72.53631978633301

EXERCISE 1 ENDS

EXERCISE 2

41.57582018832927 -72.53631978639024

EXERCISE 2 ENDS

EXERCISE 3

Azimuth Boston - Middle
235.08389261829663
Azimuth Middle - NY
234.10291348838865
Azimuth NY - Middle
53.16020055254909
Aziuth Middle - Boston
54.102913486744214

EXERCISE 3 ENDS

EXERCISE 4

Schiphol: 52.3105 , 4.7683
North: 53.65117330359653 , 4.7683
South: 50.969520589816085 , 4.7683
West: 52.290249800772514 , 2.5813698993081795
East: 52.290249800772514 , 6.9552301006918205

EXERCISE 4 ENDS

EXERCISE 5

LATITUD		LONGITUD
33.9416	,	-118.4085
35.66440084235082	,	-117.12246282317255
37.372376860830954	,	-115.78019414038988
39.06392578599519	,	-114.37594363444028
40.737255903201174	,	-112.90339595905036
42.39035763937446	,	-111.3556147748381
44.02097106154522	,	-109.72498709195028
45.626548880791276	,	-108.00317108188744
47.20421464030776	,	-106.18105215081025
48.75071593942444	,	-104.2487143042702
50.262372854522454	,	-102.19543682633862
51.735022223357674	,	-100.00973017707723
53.16395924389347	,	-97.67942982979325
54.54387899883385	,	-95.19187238298457
55.86882215489255	,	-92.53418417461394
57.132131280699724	,	-89.69371763457043
58.3264269809618	,	-86.6586725789229
59.44361618939349	,	-83.41893510529974
60.47494803049924	,	-79.96715084864661
61.41113473365179	,	-76.30001655726664
62.24255470879524	,	-72.41972005114167
62.959550199848046	,	-68.33538467267995
63.55282115164161	,	-64.06429188472781
64.01389944347392	,	-59.63259077497525
64.33566536752448	,	-55.075194109323846
64.51284653466493	,	-50.43464373620915
64.54242641451079	,	-45.75891391759582
64.42389330239362	,	-41.09837169856628
64.15928366256186	,	-36.50234415748267
63.75301154466601	,	-32.015858124866696
63.21151626509346	,	-27.67706658273171
62.54279058289725	,	-23.515680917074135
61.75586304334995	,	-19.552473679253062
60.860301019323295	,	-15.799697351902607
59.86578171018014	,	-12.262139412342517
58.78175547517145	,	-8.938509821631007
57.617206070946	,	-5.822904652278186
56.38049887271506	,	-2.9061689815780074
55.07930121399273	,	-0.17706166741956553
53.720557118726255	,	2.3768128898564647
52.31050000043756	,	4.768299999260658

EXERCISE 5 ENDS