**Report for project 4**

Big-O of functions

MyMap-

1) associate()

it runs in O(logN) time

2)find()

it runs in O(logN) time

AttractionMapper-

1) init()

For N total segments and A total attractions in, init runs O(N+A\*log(A)) times

2) getGeoCoord()

it runs in O(log(A)) time

SegmentMapper-

1) init()

init runs O(N+A\*log(N+A)) times

2) getSegments()

it runs in O(log(N+A)) times

Navigate-

My navigate function only functions for the cases when either the source is wrong or the destination in wrong. Unfortunately, I was not able to complete the navigate function for the project.