MyMap:

associate(): if the map holds N nodes, this function would take O(logN)

find(): if the map holds N nodes, this function would take O(logN)

AttractionMapper:

init(): if there are N StreetSegments and S attractions in total, this function would take O(N+SlogS)

getGeoCoord(): if there are S attractions in total, this function would take O(logS)

SegmentMapper:

init(): if there are N StreetSegments and S attractions in total, this function would take O((N+S)log(N+S))

getSegments: if there are N StreetSegments and S attractions in total, this function would take O(log(N+S))

Navigate:

navigate(): if there are N StreetSegments and S attractions in total, this function would take O((N+S)log(N+S)