

안전한 길 알고리즘

사례 중심

searchOption

- 0: 추천 (기본값)
- 4: 추천 + 대로우선
- 10: 최단
- 30: 최단거리 + 계단제외

안전한 길 가치함수

partialScore

If facilityType == 11:

 partialScore = roadScore

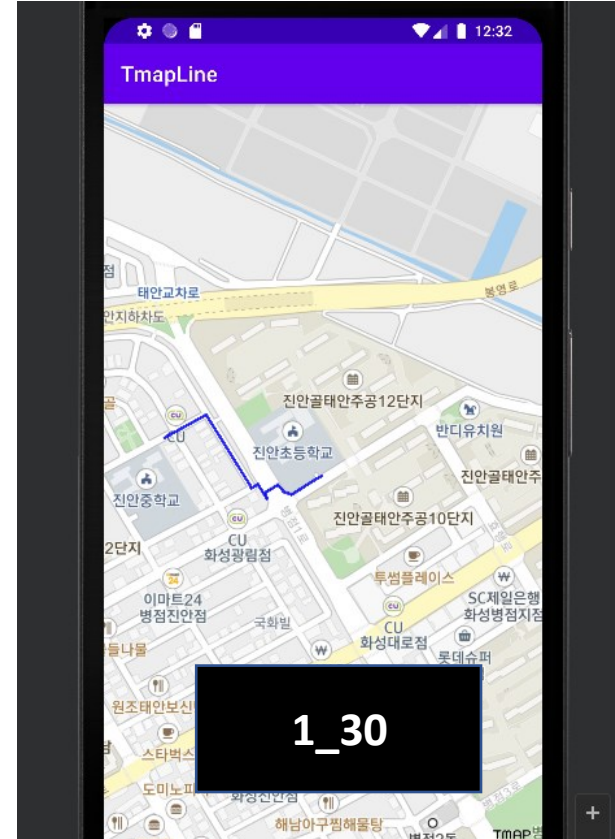
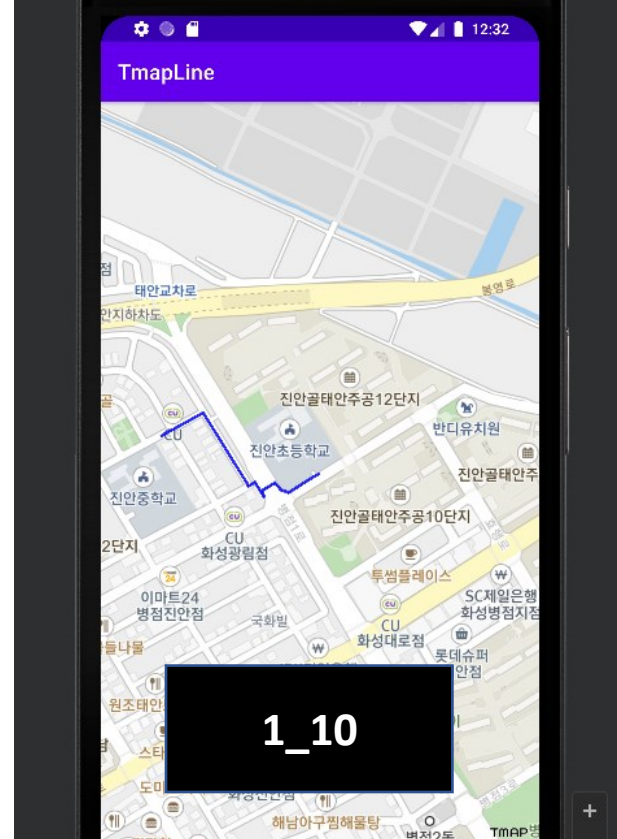
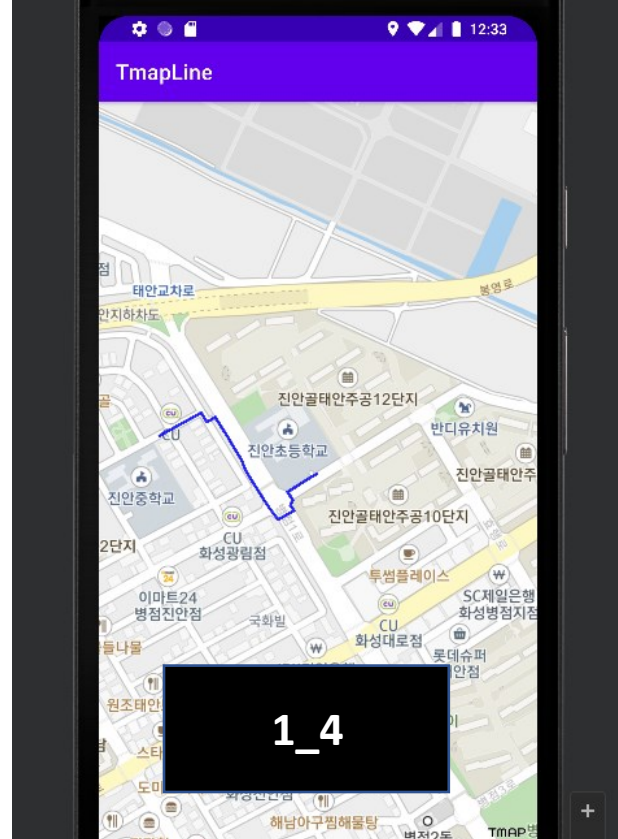
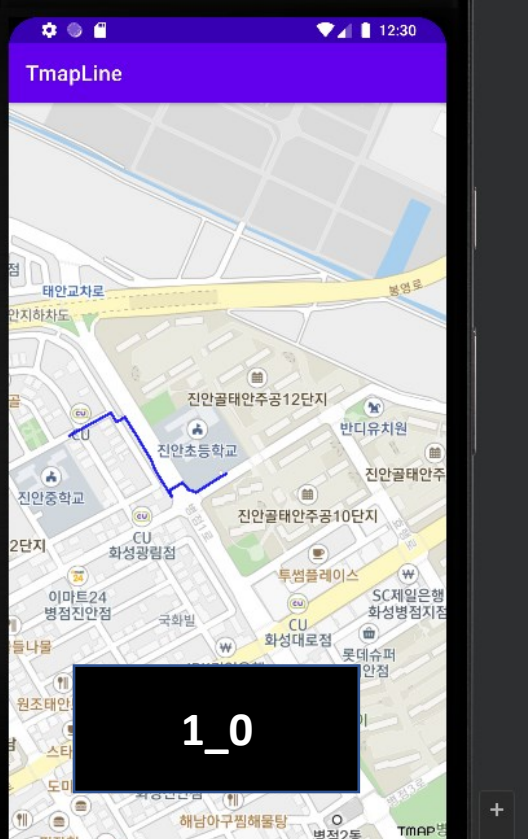
 where is21 * 1.0 | (is22 | is24) * 0.25 | is23 * 0.75

Else: partialScore = facilityScore

 where(is1 | is2 | is3) * 0.75 | (is12 | is14) * 0.25 | is15 * 0.01 | is16 * 0.755 | is17 * 0.5

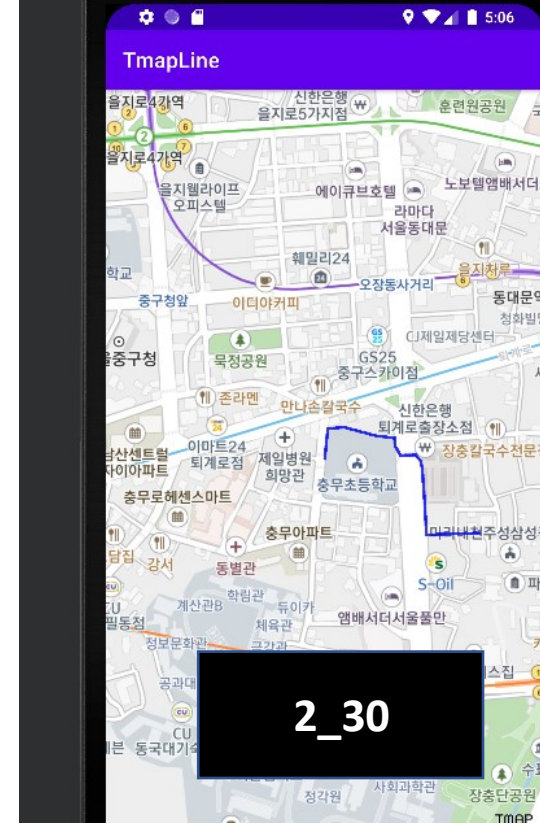
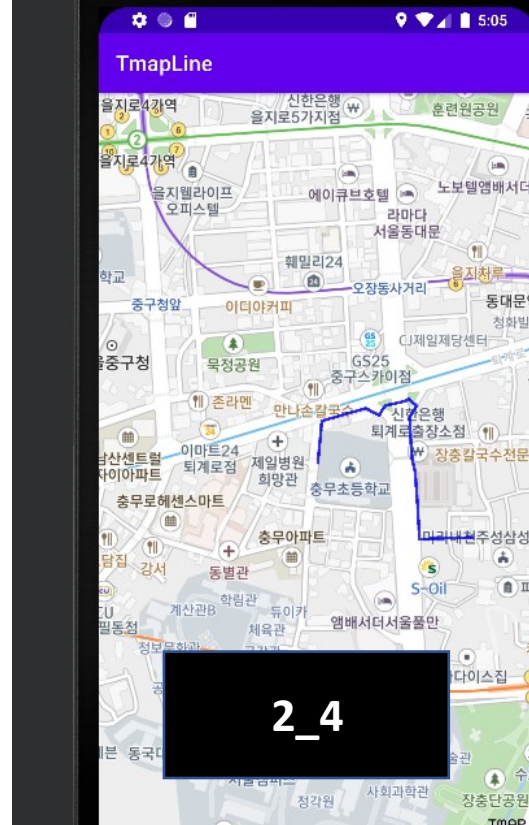
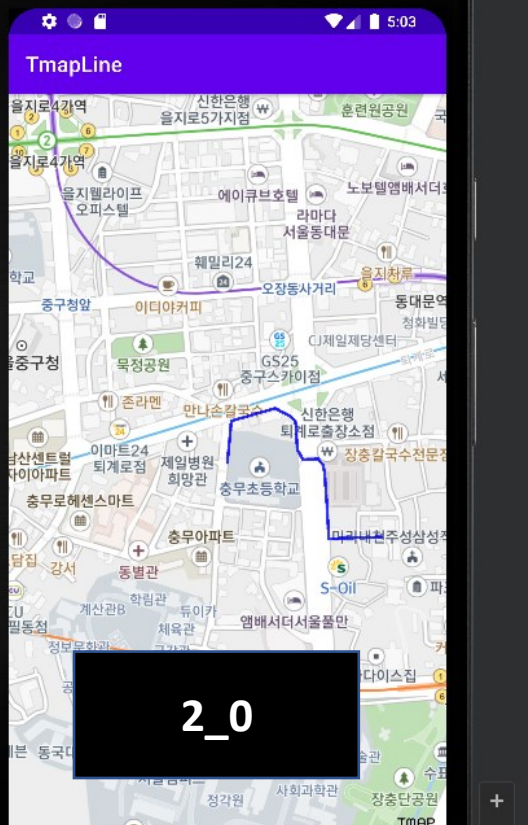
Score

$\Sigma 1 / (100 * \text{partialScore} * (\text{distance} / \text{totalDistance}))$



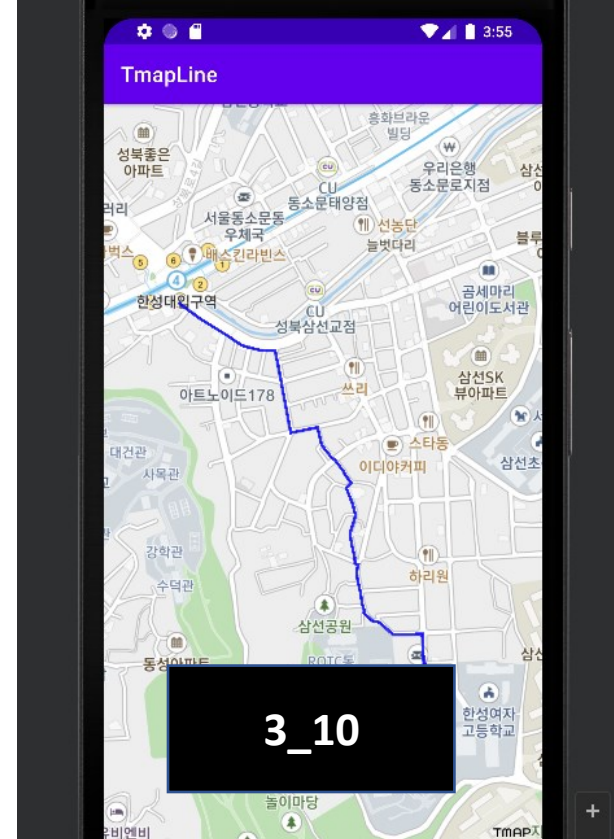
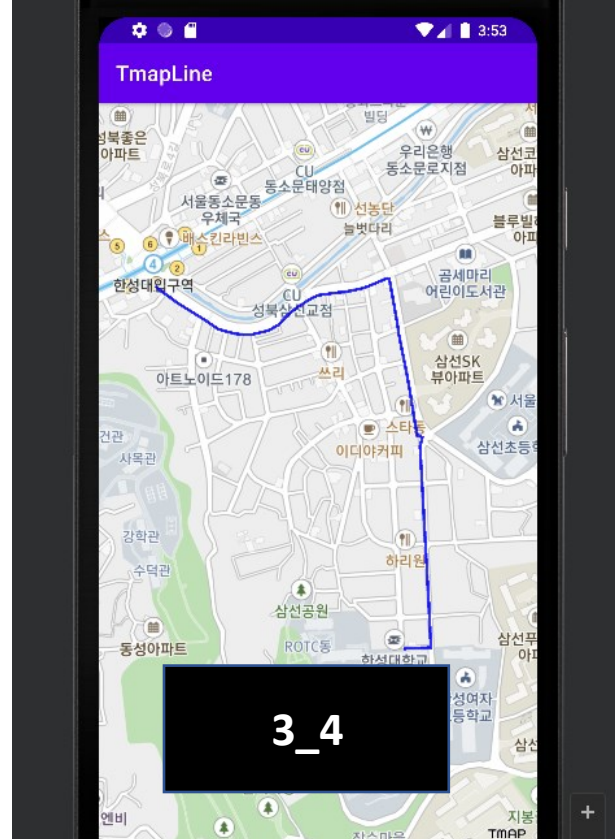
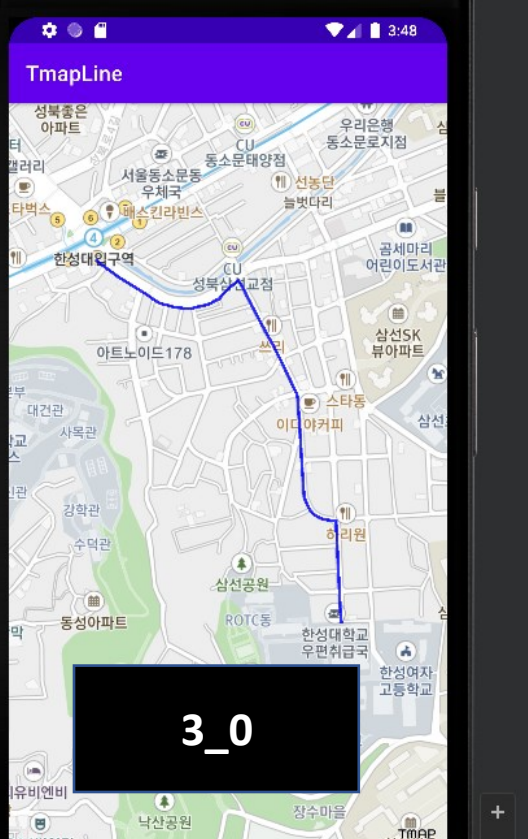
From: 진안초등학교
To: 시립진안 어린이집

- 0: 1.815 (육교 포함, 도로변 보행로 선택)
- 4: 43.294 (2개의 횡단보도 포함)
- 10, 30: 1.714 (육교 포함, 블록 내부 보행로 선택)



From: 충무초등학교
To: 장충단교회

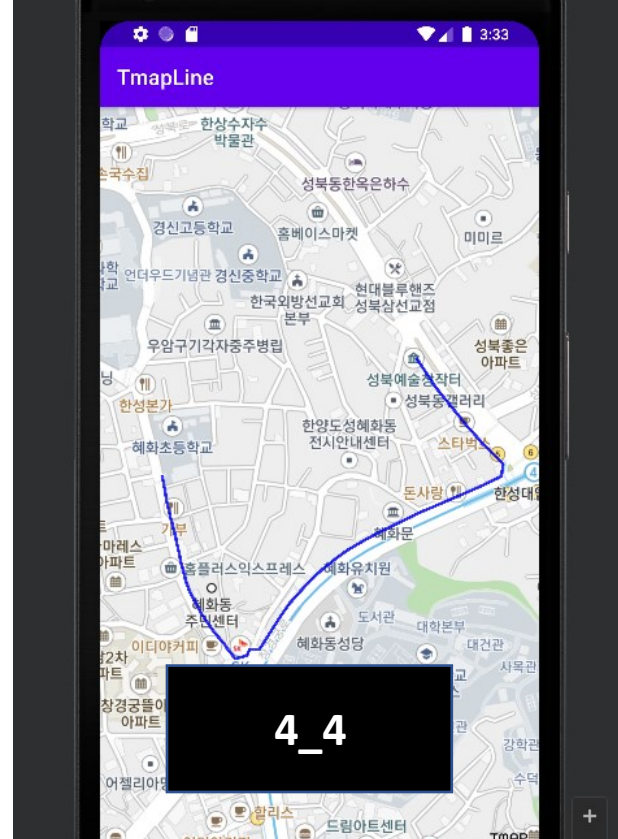
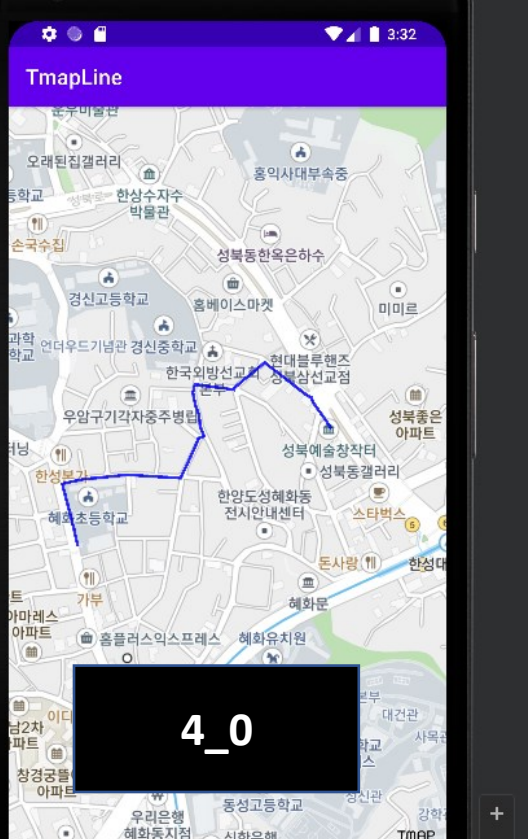
- 0: 4.177 (육교 포함, 도로변 보행로 선택)
- 4: 110.932 (3개의 횡단보도 포함)
- 10, 30: 3.732 (육교 포함, 블록 내부 보행로 선택)



From: 한성대정문

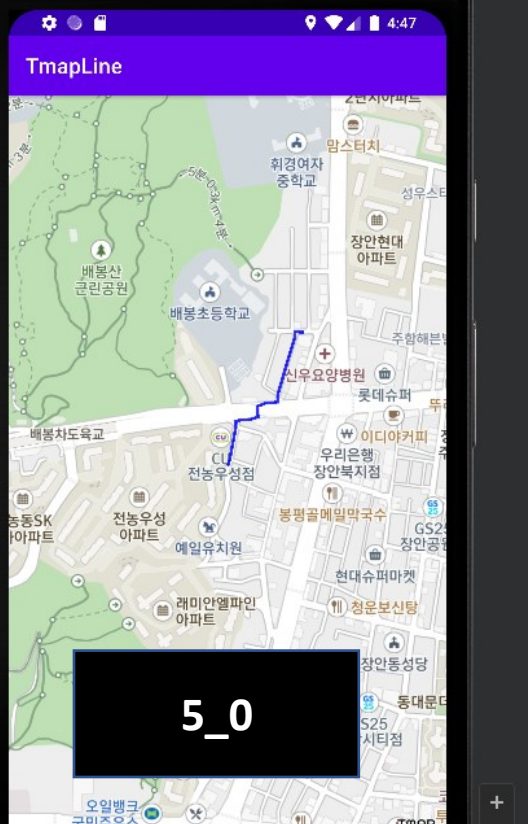
To: 한성대3번출구

- 0: 2.374
- 4: 0.558
- 10,30: 6.835



From: 혜화초등학교
To: 성북예술창작터

- 0: 2.265
- 4: 1.370
- 10,30: 6.805



From: 황토와소나무한증막
To: 대광장로교회

- 0, 10, 30: 4.069 (횡단보도 없음)
- 4: 15.962 (횡단보도 1개)