# Compare solutions paths

## Greedy first

Text

Description automatically generated

## A\*

Text

Description automatically generated

## Conclusion

In this case the greedy first made it way faster than A\*, because A\* did a lot of backtracking because the route seemed shorter for the AI. They also ended up in different GOAL\_STATES. The good thing about A\* algorithm is, that it prevents the AI getting stuck between nodes. Though the cost of this feature in my algorithm came in form of unnecessary backtracking.