

Path Planning Task

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Task – Optimal Path You have 3 maps level (Easy, Medium, Hard), Implement a path planning algorithm to navigate through the map from 'S' to 'E' in

optimal way.

Solve the task using C++ (Preferable), you might use python. You can load the maps as a 2D array.

- 1 means you are free to go.
- 0 means it's an occupied space that you can't go.
- S is the starting point.
- E is the goal point.

Hint:

- Divide you solution into functions.
- A* Algorithm is recommended

The output should be a map printed in the terminal and path the car took to reach the goal with a text "Goal Reached".

