Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 4, 4, 104

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 4 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 6, 6, 26

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 6 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 7, 7, 27

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 7 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 8, 8, 28

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 8 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 9, 9, 29

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 9 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 11, 11, 111, 211, 231, 251, 151

Loss function value: 0.75

Action path: SOUTH, SOUTH, EAST, EAST, NORTH

Statement: Given that in state 11 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 12, 12, 32

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 12 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 13, 13, 113, 213

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 13 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 14, 14, 34

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 14 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

| : | : : |

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 17, 17, 117, 217

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 17 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 18, 18, 118, 138, 238, 258, 158

Loss function value: 0.75

Action path: SOUTH, EAST, SOUTH, EAST, NORTH

Statement: Given that in state 18 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 4, 2]

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 19, 19, 119

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 19 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 4, 3]

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 21, 21, 121

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 21 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 22, 22, 122

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 22 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 23, 23, 123

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 23 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 3]

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 26, 26, 6

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 26 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 1, 2]

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 27, 27, 7

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 27 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 1, 3]

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 28, 28, 8

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 28 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 2, 0]

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 29, 29, 9

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 29 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 31, 31, 131

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 31 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 32, 32, 12

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 32 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 3, 0]

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 33, 33, 133, 113

Loss function value: 0.9

Action path: SOUTH, WEST

Statement: Given that in state 33 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 3, 1]

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 34, 34, 14

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 34 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 36, 36, 136

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 36 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 37, 37, 17, 117

Loss function value: 0.9

Action path: WEST, SOUTH

Statement: Given that in state 37 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 4, 1]

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 38, 38, 138

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 38 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 2]

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 39, 39, 139, 239, 259, 279

Loss function value: 0.8

Action path: SOUTH, SOUTH, EAST, EAST

Statement: Given that in state 39 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 3 instead?  
 In state [2, 3, 4, 3]

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 41, 41, 61, 161, 181

Loss function value: 0.85

Action path: EAST, SOUTH, EAST

Statement: Given that in state 41 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 0, 1]

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 42, 42, 62

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 42 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 0, 2]

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 43, 43, 143, 243, 223, 123, 23, 3, 19, 39

Loss function value: 0.6

Action path: SOUTH, SOUTH, WEST, NORTH, NORTH, WEST, PICKUP, EAST

Statement: Given that in state 43 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 44, 44, 144

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 44 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 46, 46, 146

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 46 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 47, 47, 147

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 47 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 48, 48, 68

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 48 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 49, 49, 149, 249, 229, 209

Loss function value: 0.8

Action path: SOUTH, SOUTH, WEST, WEST

Statement: Given that in state 49 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 0 instead?  
 In state [2, 0, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 51, 51, 71

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 51 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 52, 52, 152, 252

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 52 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 2, 3, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 53, 53, 73

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 53 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 3, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 54, 54, 74

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 54 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target EAST

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target EAST

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 57, 57, 157, 257, 237, 137

Loss function value: 0.8

Action path: SOUTH, SOUTH, WEST, NORTH

Statement: Given that in state 57 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 1 instead?  
 In state [1, 1, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 58, 58, 158, 258, 238, 218

Loss function value: 0.8

Action path: SOUTH, SOUTH, WEST, WEST

Statement: Given that in state 58 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 0 instead?  
 In state [2, 0, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 59, 59, 159

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 59 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 61, 61, 161

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 61 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 61, 61, 161

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 61 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 62, 62, 42

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 62 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [0, 2, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 62, 62, 42

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 62 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [0, 2, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 63, 63, 163

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 63 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 63, 63, 163

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 63 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 64, 64, 164

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 64 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 64, 64, 164

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 64 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 66, 66, 166

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 66 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 66, 66, 166

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 66 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 67, 67, 167

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 67 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 67, 67, 167

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 67 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 68, 68, 48

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 68 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [0, 2, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 68, 68, 48

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 68 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [0, 2, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 69, 69, 169

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 69 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 69, 69, 169

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 69 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 71, 71, 91

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 71 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [0, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 71, 71, 51

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 71 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [0, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 72, 72, 92

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 72 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [0, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 72, 72, 92

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 72 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [0, 4, 3, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 73, 73, 53

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 73 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [0, 2, 3, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 73, 73, 93

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 73 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [0, 4, 3, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 74, 74, 54

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 74 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [0, 2, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 74, 74, 94

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 74 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [0, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 76, 76, 176

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 76 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 76, 76, 176

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 76 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 77, 77, 177

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 77 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 77, 77, 177

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 77 the agent chose to travel EAST on row 0 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 78, 78, 178

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 78 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 78, 78, 178

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 78 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 79, 79, 99, 199, 299

Loss function value: 0.85

Action path: EAST, SOUTH, SOUTH

Statement: Given that in state 79 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 79, 79, 179, 279, 299

Loss function value: 0.85

Action path: SOUTH, SOUTH, EAST

Statement: Given that in state 79 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 81, 81, 181, 281

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 81 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 82, 82, 182

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 82 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 83, 83, 183

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 83 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target PICKUP

Factual explanation:

Passenger location: 1

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target PICKUP

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target WEST

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 88, 88, 68, 168

Loss function value: 0.9

Action path: WEST, SOUTH

Statement: Given that in state 88 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 89, 89, 189

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 89 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 91, 91, 71

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 91 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 92, 92, 72

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 92 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 93, 93, 73

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 93 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 94, 94, 74

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 94 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 96, 96, 196

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 96 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target SOUTH

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target WEST

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target WEST

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 98, 98, 198

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 98 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 99, 99, 199

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 99 the agent chose to travel WEST on row 0 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 101, 101, 121, 221, 321

Loss function value: 0.85

Action path: EAST, SOUTH, SOUTH

Statement: Given that in state 101 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 101, 101, 121, 221, 321

Loss function value: 0.85

Action path: EAST, SOUTH, SOUTH

Statement: Given that in state 101 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 102, 102, 122, 222, 322

Loss function value: 0.85

Action path: EAST, SOUTH, SOUTH

Statement: Given that in state 102 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 102, 102, 202, 222, 322

Loss function value: 0.85

Action path: SOUTH, EAST, SOUTH

Statement: Given that in state 102 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 103, 103, 123, 223, 323

Loss function value: 0.85

Action path: EAST, SOUTH, SOUTH

Statement: Given that in state 103 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 103, 103, 123, 223, 323

Loss function value: 0.85

Action path: EAST, SOUTH, SOUTH

Statement: Given that in state 103 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 104, 104, 204

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 104 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 104, 104, 4

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 104 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 106, 106, 126

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 106 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [1, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 106, 106, 126

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 106 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [1, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 107, 107, 207

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 107 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 107, 107, 207

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 107 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 108, 108, 128, 28

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 108 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 108, 108, 8, 28

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 108 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 109, 109, 129, 29

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 109 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 109, 109, 129, 29

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 109 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 111, 111, 131, 231, 251, 151

Loss function value: 0.8

Action path: EAST, SOUTH, EAST, NORTH

Statement: Given that in state 111 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 111, 111, 211, 231, 251, 151

Loss function value: 0.8

Action path: SOUTH, EAST, EAST, NORTH

Statement: Given that in state 111 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 112, 112, 212

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 112 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 112, 112, 212

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 112 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 3, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 113, 113, 133

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 113 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [1, 1, 3, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 113, 113, 133

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 113 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [1, 1, 3, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 114, 114, 214

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 114 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 114, 114, 214

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 114 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 116, 116, 216, 236, 336

Loss function value: 0.85

Action path: SOUTH, EAST, SOUTH

Statement: Given that in state 116 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 116, 116, 136, 236, 336

Loss function value: 0.85

Action path: EAST, SOUTH, SOUTH

Statement: Given that in state 116 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 117, 117, 137

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 117 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [1, 1, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 117, 117, 137

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 117 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [1, 1, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 118, 118, 218, 238, 258, 158

Loss function value: 0.8

Action path: SOUTH, EAST, EAST, NORTH

Statement: Given that in state 118 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 118, 118, 138, 238, 258, 158

Loss function value: 0.8

Action path: EAST, SOUTH, EAST, NORTH

Statement: Given that in state 118 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 119, 119, 19

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 119 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 119, 119, 219

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 119 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 0, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 121, 121, 21

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 121 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 121, 121, 21

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 121 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 122, 122, 22

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 122 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 122, 122, 22

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 122 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 123, 123, 223

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 123 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 1, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 123, 123, 23

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 123 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target WEST

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 126, 126, 106

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 126 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 126, 126, 106

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 126 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 127, 127, 27, 7

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 127 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 127, 127, 107, 7

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 127 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 128, 128, 228

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 128 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 128, 128, 228

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 128 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 129, 129, 229

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 129 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 129, 129, 229

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 129 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 131, 131, 31

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 131 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 131, 131, 31

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 131 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 132, 132, 112, 12

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 132 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 132, 132, 32, 12

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 132 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 133, 133, 113

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 133 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 133, 133, 113

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 133 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 134, 134, 114, 14

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 134 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 134, 134, 114, 14

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 134 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [0, 0, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 136, 136, 36

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 136 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 136, 136, 236

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 136 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 1, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 137, 137, 117

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 137 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 137, 137, 117

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 137 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 0 instead?  
 In state [1, 0, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 138, 138, 38

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 138 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 1, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 138, 138, 238

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 138 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 1, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 139, 139, 239, 259, 279

Loss function value: 0.85

Action path: SOUTH, EAST, EAST

Statement: Given that in state 139 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 3 instead?  
 In state [2, 3, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 139, 139, 239, 259, 279

Loss function value: 0.85

Action path: SOUTH, EAST, EAST

Statement: Given that in state 139 the agent chose to travel SOUTH on column 1 in what state would it have travelled SOUTH on column 3 instead?  
 In state [2, 3, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 141, 141, 161, 181

Loss function value: 0.9

Action path: EAST, EAST

Statement: Given that in state 141 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 141, 141, 161, 181

Loss function value: 0.9

Action path: EAST, EAST

Statement: Given that in state 141 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 142, 142, 42, 62

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 142 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 142, 142, 42, 62

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 142 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 143, 143, 243, 223, 123, 23, 3, 19, 39

Loss function value: 0.65

Action path: SOUTH, WEST, NORTH, NORTH, WEST, PICKUP, EAST

Statement: Given that in state 143 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 143, 143, 243, 223, 203, 103, 3, 19, 39

Loss function value: 0.65

Action path: SOUTH, WEST, WEST, NORTH, NORTH, PICKUP, EAST

Statement: Given that in state 143 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 144, 144, 44

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 144 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 144, 144, 244

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 144 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 2, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 146, 146, 46

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 146 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 146, 146, 46

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 146 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 147, 147, 47

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 147 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 147, 147, 247

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 147 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 2, 1, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 148, 148, 168, 68

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 148 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 148, 148, 168, 188

Loss function value: 0.9

Action path: EAST, EAST

Statement: Given that in state 148 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 149, 149, 249, 229, 209

Loss function value: 0.85

Action path: SOUTH, WEST, WEST

Statement: Given that in state 149 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 0 instead?  
 In state [2, 0, 2, 1]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 149, 149, 249, 229, 209

Loss function value: 0.85

Action path: SOUTH, WEST, WEST

Statement: Given that in state 149 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 0 instead?  
 In state [2, 0, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 151, 151, 51, 71

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 151 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 151, 151, 171, 71

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 151 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 152, 152, 172

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 152 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 152, 152, 172

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 152 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 153, 153, 173

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 153 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 153, 153, 173

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 153 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 154, 154, 174

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 154 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 2]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 154, 154, 174

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 154 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target EAST

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target EAST

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 157, 157, 257

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 157 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 2, 4, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 157, 157, 257

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 157 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 2, 4, 1]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 158, 158, 258, 238, 218

Loss function value: 0.85

Action path: SOUTH, WEST, WEST

Statement: Given that in state 158 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 0 instead?  
 In state [2, 0, 4, 2]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 158, 158, 258, 238, 218

Loss function value: 0.85

Action path: SOUTH, WEST, WEST

Statement: Given that in state 158 the agent chose to travel SOUTH on column 2 in what state would it have travelled SOUTH on column 0 instead?  
 In state [2, 0, 4, 2]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 159, 159, 59

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 159 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 4, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 159, 159, 259

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 159 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 2, 4, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 161, 161, 61

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 161 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 0, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 161, 161, 261

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 161 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 0, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 161, 161, 261

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 161 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 0, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 162, 162, 262

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 162 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 0, 2]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 162, 162, 262

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 162 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 0, 2]

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|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 162, 162, 262

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 162 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 0, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 163, 163, 63

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 163 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 0, 3]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 163, 163, 263

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 163 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 0, 3]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 163, 163, 63

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 163 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 0, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 164, 164, 264

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 164 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 1, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 164, 164, 264

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 164 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 1, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 164, 164, 264

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 164 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 1, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 166, 166, 266

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 166 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 1, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 166, 166, 66

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 166 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 3, 1, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 166, 166, 66

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 166 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 3, 1, 2]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 167, 167, 67

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 167 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 3, 1, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 167, 167, 67

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 167 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 3, 1, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 167, 167, 67

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 167 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 3, 1, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 168, 168, 268

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 168 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 2, 0]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 168, 168, 268

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 168 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 168, 168, 268

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 168 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 169, 169, 69

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 169 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 169, 169, 69

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 169 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 169, 169, 69

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 169 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 171, 171, 271

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 171 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 2, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 171, 171, 271

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 171 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 2, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 171, 171, 271

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 171 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 172, 172, 152

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 172 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 3, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 172, 172, 152

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 172 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 172, 172, 152

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 172 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 173, 173, 153

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 173 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 3, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 173, 173, 193

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 173 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 173, 173, 193

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 173 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 174, 174, 154

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 174 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 3, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 174, 174, 194

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 174 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 174, 174, 194

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 174 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 176, 176, 76

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 176 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 4, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 176, 176, 76

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 176 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 4, 0]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 176, 176, 76

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 176 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 4, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 177, 177, 77

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 177 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 3, 4, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 177, 177, 77

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 177 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 3, 4, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 177, 177, 277

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 177 the agent chose to travel EAST on row 1 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 4, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 178, 178, 278

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 178 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 3, 4, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 178, 178, 78

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 178 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 4, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 178, 178, 78

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 178 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 3, 4, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 179, 179, 199, 299

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 179 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 179, 179, 199, 299

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 179 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 179, 179, 279, 299

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 179 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 181, 181, 161, 141

Loss function value: 0.9

Action path: WEST, WEST

Statement: Given that in state 181 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 181, 181, 161, 141

Loss function value: 0.9

Action path: WEST, WEST

Statement: Given that in state 181 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 0, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 182, 182, 282

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 182 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 182, 182, 282

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 182 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 183, 183, 83

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 183 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 4, 0, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 183, 183, 283

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 183 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 184, 184, 284, 384, 364, 464

Loss function value: 0.8

Action path: SOUTH, SOUTH, WEST, SOUTH

Statement: Given that in state 184 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 184, 184, 284, 384, 484, 464

Loss function value: 0.8

Action path: SOUTH, SOUTH, SOUTH, WEST

Statement: Given that in state 184 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 186, 186, 286, 266, 366

Loss function value: 0.85

Action path: SOUTH, WEST, SOUTH

Statement: Given that in state 186 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 186, 186, 286, 386, 366

Loss function value: 0.85

Action path: SOUTH, SOUTH, WEST

Statement: Given that in state 186 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 187, 187, 287, 387, 367

Loss function value: 0.85

Action path: SOUTH, SOUTH, WEST

Statement: Given that in state 187 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 187, 187, 287, 267, 367

Loss function value: 0.85

Action path: SOUTH, WEST, SOUTH

Statement: Given that in state 187 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 188, 188, 88, 68

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 188 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 188, 188, 88, 68

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 188 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [0, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 189, 189, 289

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 189 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 189, 189, 89

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 189 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 4, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 191, 191, 291

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 191 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 191, 191, 291

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 191 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 192, 192, 292, 392

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 192 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 192, 192, 292, 392

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 192 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 193, 193, 173

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 193 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 193, 193, 173

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 193 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 194, 194, 174

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 194 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 194, 194, 174

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 194 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [1, 3, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 196, 196, 96

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 196 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 196, 196, 296

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 196 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 197, 197, 177, 157, 257, 357

Loss function value: 0.8

Action path: WEST, WEST, SOUTH, SOUTH

Statement: Given that in state 197 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 197, 197, 297, 277, 257, 357

Loss function value: 0.8

Action path: SOUTH, WEST, WEST, SOUTH

Statement: Given that in state 197 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 198, 198, 298

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 198 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 198, 198, 298

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 198 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 199, 199, 99

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 199 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 199, 199, 99

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 199 the agent chose to travel WEST on row 1 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 201, 201, 301, 401

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 201 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 201, 201, 221, 321

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 201 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 202, 202, 222, 322

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 202 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 202, 202, 222, 322

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 202 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 203, 203, 223, 323

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 203 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 203, 203, 223, 323

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 203 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 204, 204, 104

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 204 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 204, 204, 104

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 204 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 206, 206, 226, 326

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 206 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 206, 206, 226, 326

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 206 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 207, 207, 107

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 207 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 207, 207, 107

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 207 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 1, 3]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 208, 208, 228, 128, 28

Loss function value: 0.85

Action path: EAST, NORTH, NORTH

Statement: Given that in state 208 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 208, 208, 108, 8, 28

Loss function value: 0.85

Action path: NORTH, NORTH, EAST

Statement: Given that in state 208 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 209, 209, 109, 9, 29

Loss function value: 0.85

Action path: NORTH, NORTH, EAST

Statement: Given that in state 209 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 209, 209, 109, 129, 29

Loss function value: 0.85

Action path: NORTH, EAST, NORTH

Statement: Given that in state 209 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 211, 211, 231, 251, 151

Loss function value: 0.85

Action path: EAST, EAST, NORTH

Statement: Given that in state 211 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 2, 3]

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|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 211, 211, 231, 251, 151

Loss function value: 0.85

Action path: EAST, EAST, NORTH

Statement: Given that in state 211 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 212, 212, 112

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 212 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 212, 212, 112

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 212 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 213, 213, 113, 13

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 213 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 213, 213, 113, 13

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 213 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 214, 214, 114

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 214 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 214, 214, 114

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 214 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 216, 216, 236, 336

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 216 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 216, 216, 236, 336

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 216 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 217, 217, 117, 17

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 217 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 4, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 217, 217, 117, 17

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 217 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 4, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 218, 218, 238, 258, 158

Loss function value: 0.85

Action path: EAST, EAST, NORTH

Statement: Given that in state 218 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 218, 218, 238, 258, 158

Loss function value: 0.85

Action path: EAST, EAST, NORTH

Statement: Given that in state 218 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 4, 2]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 219, 219, 119

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 219 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 4, 3]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 219, 219, 119

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 219 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 4, 3]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 221, 221, 121

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 221 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 221, 221, 121

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 221 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 221, 221, 121

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 221 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 222, 222, 122

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 222 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 222, 222, 122

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 222 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 2]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 222, 222, 122

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 222 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 223, 223, 123

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 223 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 223, 223, 123

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 223 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 223, 223, 123

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 223 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 224, 224, 324

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 224 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 0]

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|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 224, 224, 324

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 224 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 0]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 224, 224, 324

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 224 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 0]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 226, 226, 326

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 226 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 2]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 226, 226, 326

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 226 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 2]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 226, 226, 326

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 226 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 2]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 227, 227, 327

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 227 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 227, 227, 327

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 227 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 227, 227, 327

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 227 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 228, 228, 128

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 228 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 228, 228, 128

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 228 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 228, 228, 128

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 228 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 0]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 229, 229, 129

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 229 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 229, 229, 129

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 229 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 1]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 229, 229, 129

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 229 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 231, 231, 131

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 231 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 3]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 231, 231, 131

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 231 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 3]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 231, 231, 131

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 231 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 2, 3]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 232, 232, 132, 112

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 232 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 0]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 232, 232, 132, 112

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 232 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 232, 232, 212, 112

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 232 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 0]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 233, 233, 133, 113, 13

Loss function value: 0.85

Action path: NORTH, WEST, NORTH

Statement: Given that in state 233 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 233, 233, 133, 113, 13

Loss function value: 0.85

Action path: NORTH, WEST, NORTH

Statement: Given that in state 233 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 233, 233, 213, 113, 13

Loss function value: 0.85

Action path: WEST, NORTH, NORTH

Statement: Given that in state 233 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 234, 234, 214, 114

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 234 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 234, 234, 134, 114

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 234 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 3, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 234, 234, 334, 434

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 234 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 4 instead?  
 In state [4, 1, 3, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 236, 236, 136

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 236 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 236, 236, 136

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 236 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 236, 236, 136

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 236 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 237, 237, 257, 157

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 237 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 237, 237, 257, 157

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 237 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 237, 237, 257, 157

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 237 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 1]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 238, 238, 138

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 238 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 238, 238, 138

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 238 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 238, 238, 138

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 238 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 239, 239, 219, 119

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 239 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 0, 4, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 239, 239, 259, 159

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 239 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 239, 239, 259, 159

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 239 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 241, 241, 261, 161

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 241 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 241, 241, 221, 121

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 241 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 0, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 241, 241, 341, 441

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 241 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 2, 0, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 242, 242, 342

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 242 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 0, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 242, 242, 342

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 242 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 242, 242, 342

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 242 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 243, 243, 343

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 243 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 243, 243, 343

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 243 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 243, 243, 343

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 243 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 0, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 244, 244, 144

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 244 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 244, 244, 144

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 244 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 244, 244, 144

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 244 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 246, 246, 146

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 246 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 246, 246, 146

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 246 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 246, 246, 146

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 246 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 247, 247, 147

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 247 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 3]

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 247, 247, 147

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 247 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 3]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 247, 247, 147

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 247 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 1, 3]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 248, 248, 348

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 248 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 0]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 248, 248, 348

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 248 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 0]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 248, 248, 348

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 248 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 0]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 249, 249, 349

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 249 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 1]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 249, 249, 349

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 249 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 1]

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 249, 249, 349

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 249 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 251, 251, 351

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 251 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 251, 251, 351

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 251 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 251, 251, 351

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 251 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 3]

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 252, 252, 152, 52

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 252 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 252, 252, 152, 52

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 252 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 252, 252, 152, 52

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 252 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 2, 3, 0]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 253, 253, 233, 213, 113, 13

Loss function value: 0.8

Action path: WEST, WEST, NORTH, NORTH

Statement: Given that in state 253 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 253, 253, 233, 213, 113, 13

Loss function value: 0.8

Action path: WEST, WEST, NORTH, NORTH

Statement: Given that in state 253 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 253, 253, 233, 133, 113, 13

Loss function value: 0.8

Action path: WEST, NORTH, WEST, NORTH

Statement: Given that in state 253 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 0 instead?  
 In state [0, 0, 3, 1]

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 254, 254, 354, 454, 434

Loss function value: 0.85

Action path: SOUTH, SOUTH, WEST

Statement: Given that in state 254 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 4 instead?  
 In state [4, 1, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 254, 254, 354, 454, 434

Loss function value: 0.85

Action path: SOUTH, SOUTH, WEST

Statement: Given that in state 254 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 4 instead?  
 In state [4, 1, 3, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 254, 254, 354, 454, 434

Loss function value: 0.85

Action path: SOUTH, SOUTH, WEST

Statement: Given that in state 254 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 4 instead?  
 In state [4, 1, 3, 2]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 256, 256, 356

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 256 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 4, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 256, 256, 356

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 256 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 4, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 256, 256, 356

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 256 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 4, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 257, 257, 157

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 257 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 1]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 257, 257, 157

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 257 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 257, 257, 157

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 257 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 258, 258, 158, 178

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 258 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 258, 258, 238, 138

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 258 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 1, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 258, 258, 158, 178

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 258 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 259, 259, 159

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 259 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 259, 259, 159

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 259 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 259, 259, 159

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 259 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 2, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 261, 261, 161

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 261 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 261, 261, 161

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 261 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 261, 261, 161

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 261 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 262, 262, 162

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 262 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 262, 262, 162

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 262 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 262, 262, 162

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 262 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 2]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 263, 263, 163

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 263 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 263, 263, 163

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 263 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 263, 263, 163

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 263 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 0, 3]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 264, 264, 164

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 264 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 264, 264, 164

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 264 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 0]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 264, 264, 364

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 264 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 266, 266, 166

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 266 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 2]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 266, 266, 166

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 266 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 2]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 266, 266, 166

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 266 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 267, 267, 167

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 267 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 267, 267, 167

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 267 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 267, 267, 167

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 267 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 1, 3]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 268, 268, 168

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 268 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 0]

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 268, 268, 168

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 268 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 268, 268, 168

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 268 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 0]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 269, 269, 169

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 269 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 1]

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 269, 269, 169

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 269 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 1]

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 269, 269, 169

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 269 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 271, 271, 171

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 271 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 3]

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 271, 271, 171

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 271 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 271, 271, 171

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 271 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 2, 3]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 272, 272, 292

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 272 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 3, 0]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 272, 272, 292

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 272 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 3, 0]

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 272, 272, 292

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 272 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 273, 273, 173, 193

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 273 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 273, 273, 173, 153

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 273 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 273, 273, 293, 193

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 273 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 274, 274, 294, 394

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 274 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [3, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 274, 274, 294, 194

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 274 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 274, 274, 294, 194

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 274 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [1, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 276, 276, 176

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 276 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 276, 276, 176

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 276 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 276, 276, 176

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 276 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 277, 277, 377

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 277 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 3, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 277, 277, 377

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 277 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 3, 4, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 277, 277, 177

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 277 the agent chose to travel EAST on row 2 in what state would it have travelled EAST on row 1 instead?  
 In state [1, 3, 4, 1]

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 278, 278, 178

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 278 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 278, 278, 178

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 278 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 278, 278, 178

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 278 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 279, 279, 299

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 279 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 279, 279, 299

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 279 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 279, 279, 299

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 279 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 281, 281, 381

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 281 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 281, 281, 381

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 281 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 282, 282, 182

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 282 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 282, 282, 182

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 282 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 283, 283, 183

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 283 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 283, 283, 183

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 283 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 284, 284, 264, 244, 344

Loss function value: 0.85

Action path: WEST, WEST, SOUTH

Statement: Given that in state 284 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 284, 284, 384, 364, 464

Loss function value: 0.85

Action path: SOUTH, WEST, SOUTH

Statement: Given that in state 284 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 286, 286, 386, 366

Loss function value: 0.9

Action path: SOUTH, WEST

Statement: Given that in state 286 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 286, 286, 386, 366

Loss function value: 0.9

Action path: SOUTH, WEST

Statement: Given that in state 286 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 287, 287, 387, 367

Loss function value: 0.9

Action path: SOUTH, WEST

Statement: Given that in state 287 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 287, 287, 387, 367

Loss function value: 0.9

Action path: SOUTH, WEST

Statement: Given that in state 287 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 288, 288, 188, 88

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 288 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 0 instead?  
 In state [0, 4, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 288, 288, 388, 488

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 288 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 289, 289, 189

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 289 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 289, 289, 389

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 289 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 4, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 291, 291, 191

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 291 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 291, 291, 191

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 291 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 292, 292, 272

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 292 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [2, 3, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 292, 292, 272

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 292 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [2, 3, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 293, 293, 393, 493

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 293 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 293, 293, 393, 493

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 293 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 294, 294, 394, 494

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 294 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 294, 294, 394, 494

Loss function value: 0.9

Action path: SOUTH, SOUTH

Statement: Given that in state 294 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 296, 296, 196

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 296 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 296, 296, 196

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 296 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 297, 297, 277, 257, 357

Loss function value: 0.85

Action path: WEST, WEST, SOUTH

Statement: Given that in state 297 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 297, 297, 277, 257, 357

Loss function value: 0.85

Action path: WEST, WEST, SOUTH

Statement: Given that in state 297 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 298, 298, 198

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 298 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 298, 298, 198

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 298 the agent chose to travel WEST on row 2 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 299, 299, 279

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 299 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [2, 3, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 299, 299, 279

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 299 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [2, 3, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 301, 301, 401

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 301 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 302, 302, 402

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 302 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 303, 303, 403

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 303 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 304, 304, 404

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 304 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 306, 306, 406

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 306 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 307, 307, 407

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 307 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 308, 308, 208, 108, 128, 28

Loss function value: 0.8

Action path: NORTH, NORTH, EAST, NORTH

Statement: Given that in state 308 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 309, 309, 209, 229, 129, 29

Loss function value: 0.8

Action path: NORTH, EAST, NORTH, NORTH

Statement: Given that in state 309 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 1 instead?  
 In state [0, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 311, 311, 211, 231, 251, 151

Loss function value: 0.8

Action path: NORTH, EAST, EAST, NORTH

Statement: Given that in state 311 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 312, 312, 412

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 312 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 313, 313, 413

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 313 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 314, 314, 414

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 314 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 316, 316, 416

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 316 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 4, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 317, 317, 417

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 317 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 4, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 318, 318, 218, 238, 258, 158

Loss function value: 0.8

Action path: NORTH, EAST, EAST, NORTH

Statement: Given that in state 318 the agent chose to travel SOUTH on column 0 in what state would it have travelled SOUTH on column 2 instead?  
 In state [1, 2, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 319, 319, 419

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 319 the agent chose to travel NORTH on column 0 in what state would it have travelled NORTH on column 0 instead?  
 In state [4, 0, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 321, 321, 341

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 321 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 321, 321, 341

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 321 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 322, 322, 222, 202

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 322 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 0 instead?  
 In state [2, 0, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 322, 322, 222, 202

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 322 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 0 instead?  
 In state [2, 0, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 323, 323, 423, 443

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 323 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 323, 323, 423, 443

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 323 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 324, 324, 424

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 324 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 4 instead?  
 In state [4, 1, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 324, 324, 224

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 324 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 1, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 326, 326, 426

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 326 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 4 instead?  
 In state [4, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 326, 326, 226

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 326 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 327, 327, 227

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 327 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 1, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 327, 327, 227

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 327 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 1, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 328, 328, 348, 248, 268, 368

Loss function value: 0.8

Action path: EAST, NORTH, EAST, SOUTH

Statement: Given that in state 328 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 328, 328, 228, 248, 268, 368

Loss function value: 0.8

Action path: NORTH, EAST, EAST, SOUTH

Statement: Given that in state 328 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 329, 329, 349, 249, 269, 369

Loss function value: 0.8

Action path: EAST, NORTH, EAST, SOUTH

Statement: Given that in state 329 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 329, 329, 229, 249, 269, 369

Loss function value: 0.8

Action path: NORTH, EAST, EAST, SOUTH

Statement: Given that in state 329 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 331, 331, 351, 451

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 331 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 331, 331, 431, 451

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 331 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 332, 332, 352

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 332 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 3, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 332, 332, 352

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 332 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 3, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 333, 333, 353

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 333 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 3, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 333, 333, 353

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 333 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 3, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 334, 334, 354

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 334 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 334, 334, 354

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 334 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 336, 336, 356, 456

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 336 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 4, 0]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 336, 336, 236, 216

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 336 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 0 instead?  
 In state [2, 0, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 337, 337, 357

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 337 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 337, 337, 357

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 337 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 338, 338, 358

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 338 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 338, 338, 358

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 338 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 339, 339, 359

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 339 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 339, 339, 359

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 339 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 341, 341, 321

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 341 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 341, 341, 321

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 341 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 342, 342, 242

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 342 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 342, 342, 242

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 342 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 343, 343, 243

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 343 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 343, 343, 243

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 343 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 344, 344, 244, 264, 284

Loss function value: 0.85

Action path: NORTH, EAST, EAST

Statement: Given that in state 344 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 4 instead?  
 In state [2, 4, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 344, 344, 244, 264, 284

Loss function value: 0.85

Action path: NORTH, EAST, EAST

Statement: Given that in state 344 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 4 instead?  
 In state [2, 4, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 346, 346, 246, 266, 286

Loss function value: 0.85

Action path: NORTH, EAST, EAST

Statement: Given that in state 346 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 4 instead?  
 In state [2, 4, 1, 2]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 346, 346, 246, 266, 366

Loss function value: 0.85

Action path: NORTH, EAST, SOUTH

Statement: Given that in state 346 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 347, 347, 327, 427

Loss function value: 0.9

Action path: WEST, SOUTH

Statement: Given that in state 347 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 347, 347, 327, 427

Loss function value: 0.9

Action path: WEST, SOUTH

Statement: Given that in state 347 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 348, 348, 248

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 348 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 348, 348, 448

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 348 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 2, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 349, 349, 249

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 349 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 349, 349, 449

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 349 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 2, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 351, 351, 251

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 351 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 351, 351, 251

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 351 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 352, 352, 332

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 352 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 352, 352, 332

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 352 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 353, 353, 333

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 353 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 353, 353, 333

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 353 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 354, 354, 334

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 354 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 354, 354, 334

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 354 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 356, 356, 256

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 356 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 356, 356, 256

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 356 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 357, 357, 337

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 357 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 357, 357, 337

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 357 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 358, 358, 338

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 358 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 358, 358, 338

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 358 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 359, 359, 339

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 359 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 359, 359, 339

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 359 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 361, 361, 461, 481

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 361 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 361, 361, 461, 481

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 361 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 362, 362, 382, 482

Loss function value: 0.9

Action path: EAST, SOUTH

Statement: Given that in state 362 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 362, 362, 462, 482

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 362 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 363, 363, 383

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 363 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 363, 363, 383

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 363 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 364, 364, 264

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 364 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 364, 364, 264

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 364 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 366, 366, 386

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 366 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 366, 366, 386

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 366 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 367, 367, 387

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 367 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 367, 367, 387

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 367 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 1, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 368, 368, 388

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 368 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 368, 368, 388

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 368 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 369, 369, 269, 249, 229, 329

Loss function value: 0.8

Action path: NORTH, WEST, WEST, SOUTH

Statement: Given that in state 369 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 369, 369, 269, 249, 349, 329

Loss function value: 0.8

Action path: NORTH, WEST, SOUTH, WEST

Statement: Given that in state 369 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 371, 371, 391

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 371 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 371, 371, 391

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 371 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 372, 372, 272, 292

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 372 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 372, 372, 272, 292

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 372 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [2, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 373, 373, 393

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 373 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [3, 4, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 373, 373, 393

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 373 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [3, 4, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 374, 374, 394

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 374 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [3, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 374, 374, 394

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 374 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [3, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 376, 376, 476, 496

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 376 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 376, 376, 476, 496

Loss function value: 0.9

Action path: SOUTH, EAST

Statement: Given that in state 376 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 377, 377, 277

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 377 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 3, 4, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 377, 377, 477

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 377 the agent chose to travel EAST on row 3 in what state would it have travelled EAST on row 4 instead?  
 In state [4, 3, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 378, 378, 398

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 378 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 378, 378, 398

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 378 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 379, 379, 399

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 379 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [3, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 379, 379, 399

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 379 the agent chose to travel SOUTH on column 3 in what state would it have travelled SOUTH on column 4 instead?  
 In state [3, 4, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 381, 381, 281

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 381 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 381, 381, 281

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 381 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 382, 382, 282

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 382 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 382, 382, 282

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 382 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 383, 383, 363

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 383 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 383, 383, 363

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 383 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 384, 384, 484, 464

Loss function value: 0.9

Action path: SOUTH, WEST

Statement: Given that in state 384 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 384, 384, 364, 464

Loss function value: 0.9

Action path: WEST, SOUTH

Statement: Given that in state 384 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 386, 386, 366

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 386 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 386, 386, 366

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 386 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 387, 387, 367

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 387 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 3]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 387, 387, 367

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 387 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 388, 388, 368

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 388 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 388, 388, 368

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 388 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 389, 389, 289

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 389 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 389, 389, 489

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 389 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 2, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 391, 391, 371

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 391 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 391, 391, 371

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 391 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 392, 392, 492

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 392 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 392, 392, 492

Loss function value: 0.95

Action path: SOUTH

Statement: Given that in state 392 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 4 instead?  
 In state [4, 4, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 393, 393, 373

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 393 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [3, 3, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 393, 393, 373

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 393 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [3, 3, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 394, 394, 374

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 394 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [3, 3, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 394, 394, 374

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 394 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [3, 3, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 396, 396, 296

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 396 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 396, 396, 296

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 396 the agent chose to travel WEST on row 3 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 397, 397, 297, 277, 257, 357

Loss function value: 0.8

Action path: NORTH, WEST, WEST, SOUTH

Statement: Given that in state 397 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 397, 397, 297, 277, 257, 357

Loss function value: 0.8

Action path: NORTH, WEST, WEST, SOUTH

Statement: Given that in state 397 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 398, 398, 378

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 398 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 398, 398, 378

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 398 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 399, 399, 379

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 399 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [3, 3, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 399, 399, 379

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 399 the agent chose to travel SOUTH on column 4 in what state would it have travelled SOUTH on column 3 instead?  
 In state [3, 3, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 2

Passenger destination: 0

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 2

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 2

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 2

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target PICKUP

Factual explanation:

Passenger location: 2

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target PICKUP

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target NORTH

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 421, 421, 441, 341

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 421 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 0, 1]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 422, 422, 442

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 422 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 423, 423, 443

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 423 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 0, 3]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 1

Passenger destination: 0

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 424, 424, 324

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 424 the agent chose to travel EAST on row 4 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 426, 426, 326

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 426 the agent chose to travel EAST on row 4 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 1, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 427, 427, 447

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 427 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 428, 428, 328, 348, 248, 268, 368

Loss function value: 0.75

Action path: NORTH, EAST, NORTH, EAST, SOUTH

Statement: Given that in state 428 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 0]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 2

Passenger destination: 1

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 429, 429, 329, 229, 249, 269, 369

Loss function value: 0.75

Action path: NORTH, NORTH, EAST, EAST, SOUTH

Statement: Given that in state 429 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

+---------+

|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 431, 431, 451

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 431 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 432, 432, 332, 232

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 432 the agent chose to travel EAST on row 4 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 1, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 433, 433, 453

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 433 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 434, 434, 334, 234

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 434 the agent chose to travel EAST on row 4 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 1, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 436, 436, 456

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 436 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 437, 437, 457

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 437 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 438, 438, 458

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 438 the agent chose to travel NORTH on column 1 in what state would it have travelled NORTH on column 2 instead?  
 In state [4, 2, 4, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 439, 439, 339, 239

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 439 the agent chose to travel EAST on row 4 in what state would it have travelled EAST on row 2 instead?  
 In state [2, 1, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 441, 441, 341, 241

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 441 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 2, 0, 1]

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|R: | : :G|

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| | : | : |

|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

| : | : : |

| : : : : |

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 442, 442, 422

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 442 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 0, 2]

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|R: | : :G|

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|Y| : |B: |

+---------+

Factual explanation:

Passenger location: 0

Passenger destination: 3

+---------+

|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 443, 443, 423

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 443 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 0, 3]

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 444, 444, 344, 244, 264, 284

Loss function value: 0.8

Action path: NORTH, NORTH, EAST, EAST

Statement: Given that in state 444 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 4 instead?  
 In state [2, 4, 1, 0]

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 446, 446, 346, 246, 266, 366

Loss function value: 0.8

Action path: NORTH, NORTH, EAST, SOUTH

Statement: Given that in state 446 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 3 instead?  
 In state [3, 3, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 447, 447, 427

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 447 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 1, 3]

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 448, 448, 348

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 448 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 449, 449, 349

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 449 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 2, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 451, 451, 431

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 451 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 452, 452, 432, 332

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 452 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 453, 453, 433

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 453 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 3, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 454, 454, 434, 334

Loss function value: 0.9

Action path: WEST, NORTH

Statement: Given that in state 454 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 456, 456, 436

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 456 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 457, 457, 437

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 457 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 4, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 458, 458, 438

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 458 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [4, 1, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 459, 459, 359, 339

Loss function value: 0.9

Action path: NORTH, WEST

Statement: Given that in state 459 the agent chose to travel NORTH on column 2 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 4, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 461, 461, 481

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 461 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 462, 462, 482

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 462 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 463, 463, 363, 383

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 463 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 0, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 464, 464, 484

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 464 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 1, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 466, 466, 486

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 466 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 1, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 467, 467, 487

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 467 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 1, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 468, 468, 368, 388

Loss function value: 0.9

Action path: NORTH, EAST

Statement: Given that in state 468 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 2, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 469, 469, 369, 269, 249, 229, 329

Loss function value: 0.75

Action path: NORTH, NORTH, WEST, WEST, SOUTH

Statement: Given that in state 469 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 1 instead?  
 In state [3, 1, 2, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 471, 471, 491

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 471 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 2, 3]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 3

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 3

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|R: | : :G|

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| | : | : |

|Y| : |B: |

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No counterfactual found for target EAST

Factual explanation:

Passenger location: 3

Passenger destination: 3

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|R: | : :G|

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| : : : : |

| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target PICKUP

Factual explanation:

Passenger location: 3

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target PICKUP

Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 476, 476, 496

Loss function value: 0.95

Action path: EAST

Statement: Given that in state 476 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [4, 4, 4, 0]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 477, 477, 377

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 477 the agent chose to travel EAST on row 4 in what state would it have travelled EAST on row 3 instead?  
 In state [3, 3, 4, 1]

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 478, 478, 498, 398

Loss function value: 0.9

Action path: EAST, NORTH

Statement: Given that in state 478 the agent chose to travel NORTH on column 3 in what state would it have travelled NORTH on column 4 instead?  
 In state [3, 4, 4, 2]

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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| | : | : |

|Y| : |B: |

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No counterfactual found for target NORTH

Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target EAST

Factual explanation:

Passenger location: 4

Passenger destination: 3

+---------+

|R: | : :G|

| : | : : |

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| | : | : |

|Y| : |B: |

+---------+

No counterfactual found for target EAST

Factual explanation:

Passenger location: 0

Passenger destination: 1

+---------+

|R: | : :G|

| : | : : |

| : : : : |

| | : | : |

|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 1

State Path: 481, 481, 461

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 481 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 0, 1]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 2

+---------+

|R: | : :G|

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|Y| : |B: |

+---------+

Counterfactual explanation:

Passenger location: 0

Passenger destination: 2

State Path: 482, 482, 462

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 482 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 0, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 0

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 0

Passenger destination: 3

State Path: 483, 483, 383, 283

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 483 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 0, 3]

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|Y| : |B: |

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Factual explanation:

Passenger location: 1

Passenger destination: 0

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|R: | : :G|

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 0

State Path: 484, 484, 464

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 484 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 0]

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Factual explanation:

Passenger location: 1

Passenger destination: 2

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 2

State Path: 486, 486, 466

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 486 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 2]

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Factual explanation:

Passenger location: 1

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 1

Passenger destination: 3

State Path: 487, 487, 467

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 487 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 1, 3]

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Factual explanation:

Passenger location: 2

Passenger destination: 0

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 0

State Path: 488, 488, 388, 288

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 488 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 2, 0]

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Factual explanation:

Passenger location: 2

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 1

State Path: 489, 489, 389

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 489 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 4, 2, 1]

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Factual explanation:

Passenger location: 2

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 2

Passenger destination: 3

State Path: 491, 491, 471

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 491 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 2, 3]

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Factual explanation:

Passenger location: 3

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 0

State Path: 492, 492, 392

Loss function value: 0.95

Action path: NORTH

Statement: Given that in state 492 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 3 instead?  
 In state [3, 4, 3, 0]

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 1

State Path: 493, 493, 393, 293

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 493 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 3, 1]

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|Y| : |B: |

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Factual explanation:

Passenger location: 3

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 3

Passenger destination: 2

State Path: 494, 494, 394, 294

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 494 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 3, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 0

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 0

State Path: 496, 496, 476

Loss function value: 0.95

Action path: WEST

Statement: Given that in state 496 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 3 instead?  
 In state [4, 3, 4, 0]

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 1

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 1

State Path: 497, 497, 397, 297, 277, 257, 357

Loss function value: 0.75

Action path: NORTH, NORTH, WEST, WEST, SOUTH

Statement: Given that in state 497 the agent chose to travel NORTH on column 4 in what state would it have travelled NORTH on column 2 instead?  
 In state [3, 2, 4, 1]

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 2

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 2

State Path: 498, 498, 398, 298

Loss function value: 0.9

Action path: NORTH, NORTH

Statement: Given that in state 498 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 2 instead?  
 In state [2, 4, 4, 2]

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|R: | : :G|

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|Y| : |B: |

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Factual explanation:

Passenger location: 4

Passenger destination: 3

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|R: | : :G|

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|Y| : |B: |

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Counterfactual explanation:

Passenger location: 4

Passenger destination: 3

State Path: 499, 499, 399, 299, 199

Loss function value: 0.85

Action path: NORTH, NORTH, NORTH

Statement: Given that in state 499 the agent chose to travel WEST on row 4 in what state would it have travelled WEST on row 1 instead?  
 In state [1, 4, 4, 3]

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CF Accuracy: 0.9410112359550562in mode NETACTION