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C:\Users\nikol\Documents\CSE 415\Assignment 2\A2-starter-code\FarmerFox>python ../Int_Solv_Client.py FarmerFox
problem_name = FarmerFox
Int_Solv_Client (Version 1)
Farmer Fox; 0

Step 0, Depth 0
CURRENT_STATE =
Items on the left bank: ['F', 'f', 'C', 'G']
Items on the right bank: []
Farmer and Boat are on the left.

2: Cross the river with the C
Enter command: 0, 1, 2, etc. for operator; B-back; H-help; Q-quit. >> 2
Operator 2 selected.

Step 1, Depth 1
CURRENT_STATE =
Items on the left bank: ['f', 'G']
Items on the right bank: ['C', 'F']
Farmer and Boat are on the right.

0: Cross the river with the F
2: Cross the river with the C
Enter command: 0, 1, 2, etc. for operator; B-back; H-help; Q-quit. >> 0
Operator 0 selected.

Step 2, Depth 2
CURRENT_STATE =
Items on the left bank: ['f', 'G', 'F']
Items on the right bank: ['C']
Farmer and Boat are on the left.

0: Cross the river with the F
1: Cross the river with the f
3: Cross the river with the G
Enter command: 0, 1, 2, etc. for operator; B-back; H-help; Q-quit. >> 1
Operator 1 selected.

Step 3, Depth 3
CURRENT_STATE =
Items on the left bank: ['G']
Items on the right bank: ['C', 'f', 'F']
Farmer and Boat are on the right.

1: Cross the river with the f
2: Cross the river with the C
Enter command: 0, 1, 2, etc. for operator; B-back; H-help; Q-quit. >> 2
Operator 2 selected.

Step 4, Depth 4
CURRENT_STATE =
Items on the left bank: ['G', 'C', 'F']
Items on the right bank: ['f']
Farmer and Boat are on the left.
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2: Cross the river with the C
3: Cross the river with the G
Enter command: 0, 1, 2, etc. for operator; B-back; H-help; Q-quit. >> 3
Operator 3 selected.
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Step 5, Depth 5
CURRENT_STATE =
Items on the left bank: ['C']
Items on the right bank: ['f', 'G', 'F']
Farmer and Boat are on the right.
```

```
0: Cross the river with the F
1: Cross the river with the f
3: Cross the river with the G
Enter command: 0, 1, 2, etc. for operator; B-back; H-help; Q-quit. >> 0
Operator 0 selected.
```

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Step 6, Depth 6
CURRENT_STATE =
Items on the left bank: ['C', 'F']
Items on the right bank: ['f', 'G']
Farmer and Boat are on the left.
```

```
0: Cross the river with the F
2: Cross the river with the C
Enter command: 0, 1, 2, etc. for operator; B-back; H-help; Q-quit. >> 2
Operator 2 selected.
```

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Step 7, Depth 7
CURRENT_STATE =
Items on the left bank: []
Items on the right bank: ['f', 'G', 'C', 'F']
Farmer and Boat are on the right.
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CONGRATULATIONS!
You have solved the problem by reaching a goal state.
Do you wish to continue exploring?

Y or N? >>
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