The grid has 4 rows, 4 columns
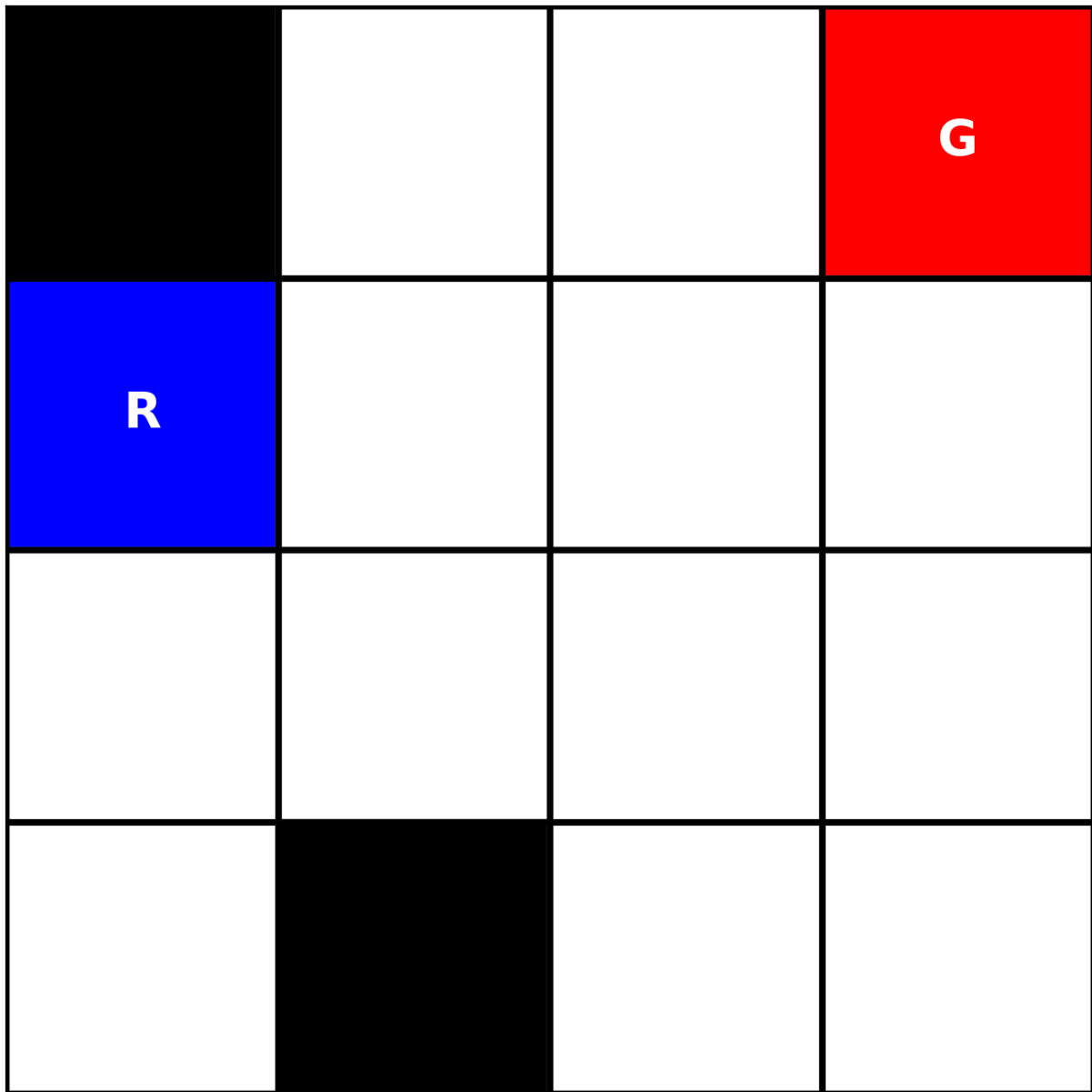
Start position: (2, 2)

Goal position: (0, 2)

Obstacle positions: (0, 0), (3, 3)

Solution:
(MOVE-UP-FROM-TO (2, 2) (1, 2))
(MOVE-UP-FROM-TO (1, 2) (0, 2))

The grid has 4 rows, 4 columns

Start position: (1, 0)

Goal position: (0, 3)

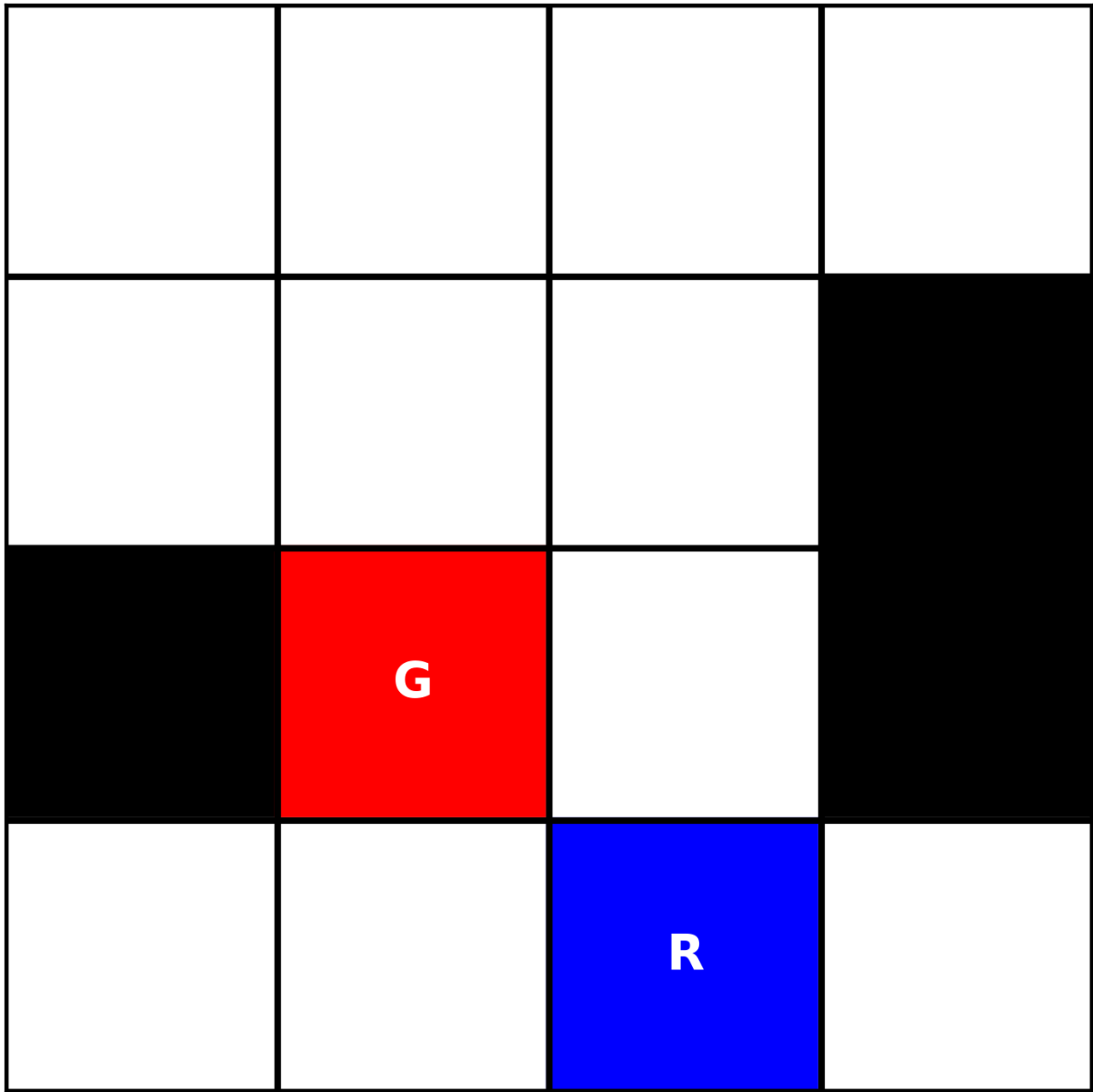Obstacle positions: (0, 0), (3, 1)

Solution:
(MOVE-RIGHT-FROM-TO (1, 0) (1, 1))
(MOVE-UP-FROM-TO (1, 1) (0, 1))
(MOVE-RIGHT-FROM-TO (0, 1) (0, 2))
(MOVE-RIGHT-FROM-TO (0, 2) (0, 3))

The grid has 4 rows, 4 columns
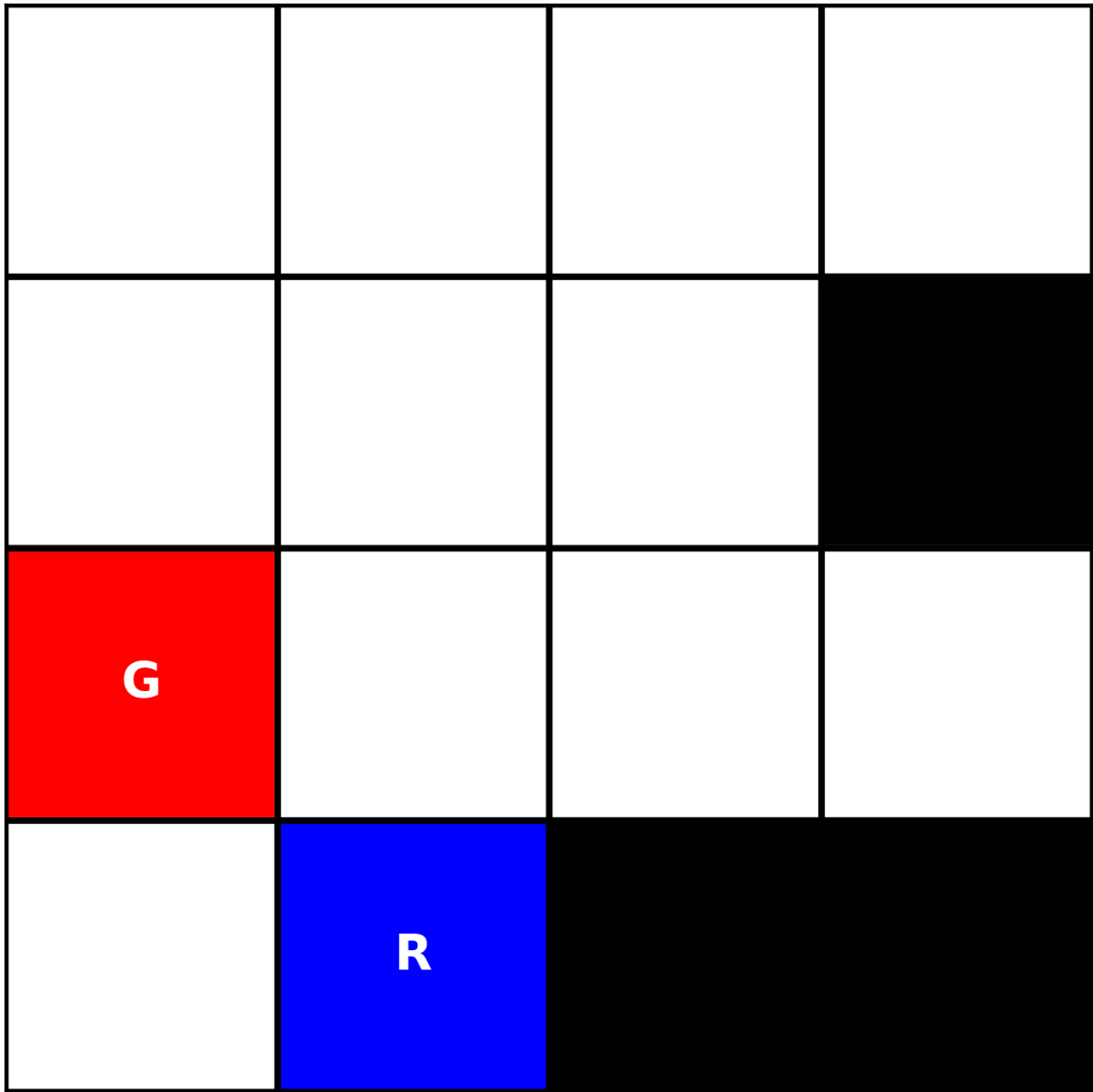
Start position: (3, 2)

Goal position: (2, 1)

Obstacle positions: (2, 0), (1, 3), (2, 3)

Solution:
(MOVE-LEFT-FROM-TO (3, 2) (3, 1))
(MOVE-UP-FROM-TO (3, 1) (2, 1))

The grid has 4 rows, 4 columns
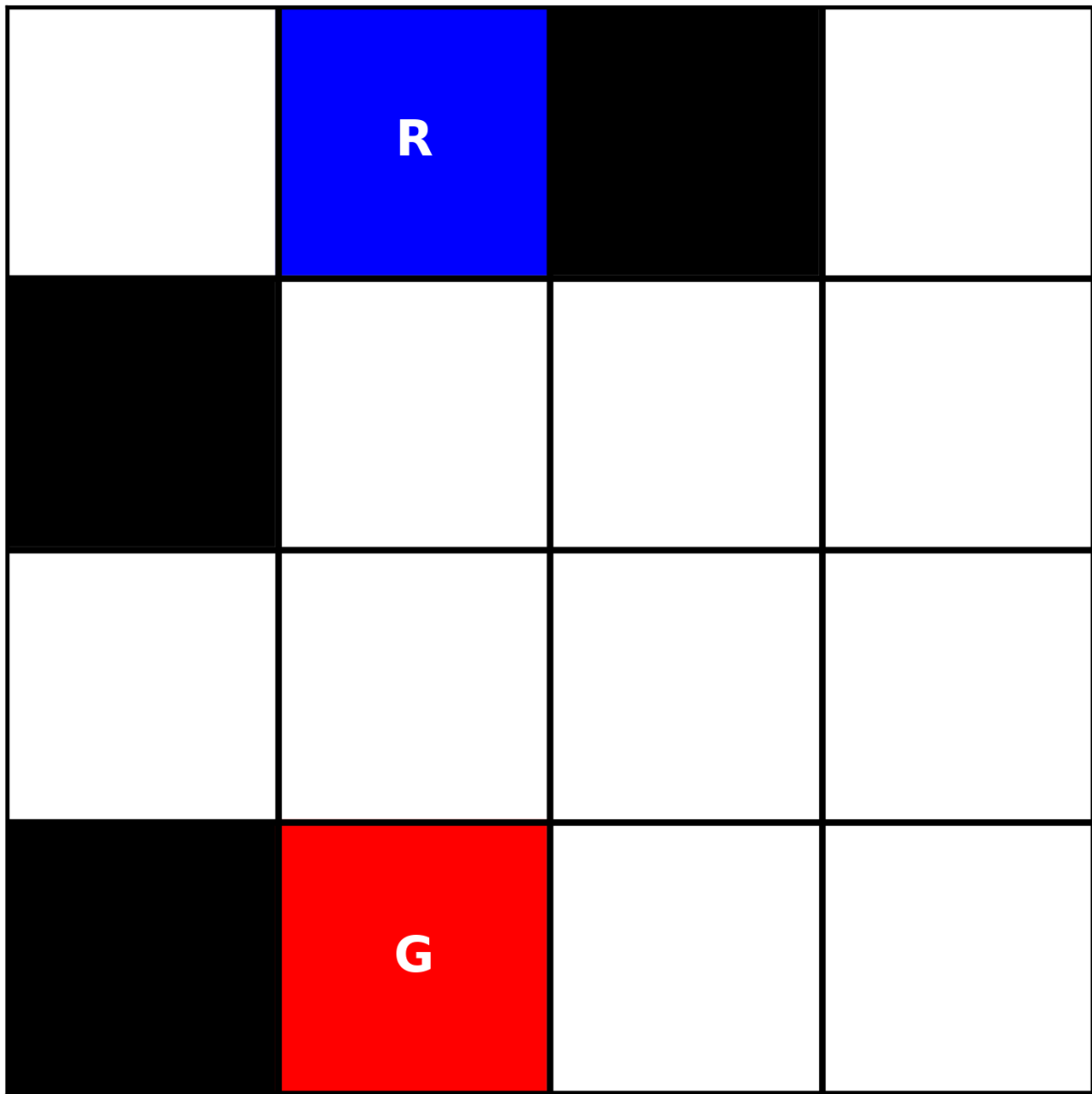
Start position: (3, 1)

Goal position: (2, 0)

Obstacle positions: (1, 3), (3, 2), (3, 3)

SOLUTION:

(MOVE-LEFT-FROM-TO (3, 1) (3, 0))

(MOVE-UP-FROM-TO (3, 0) (2, 0))

The grid has 4 rows, 4 columns

Start position: (0, 1)
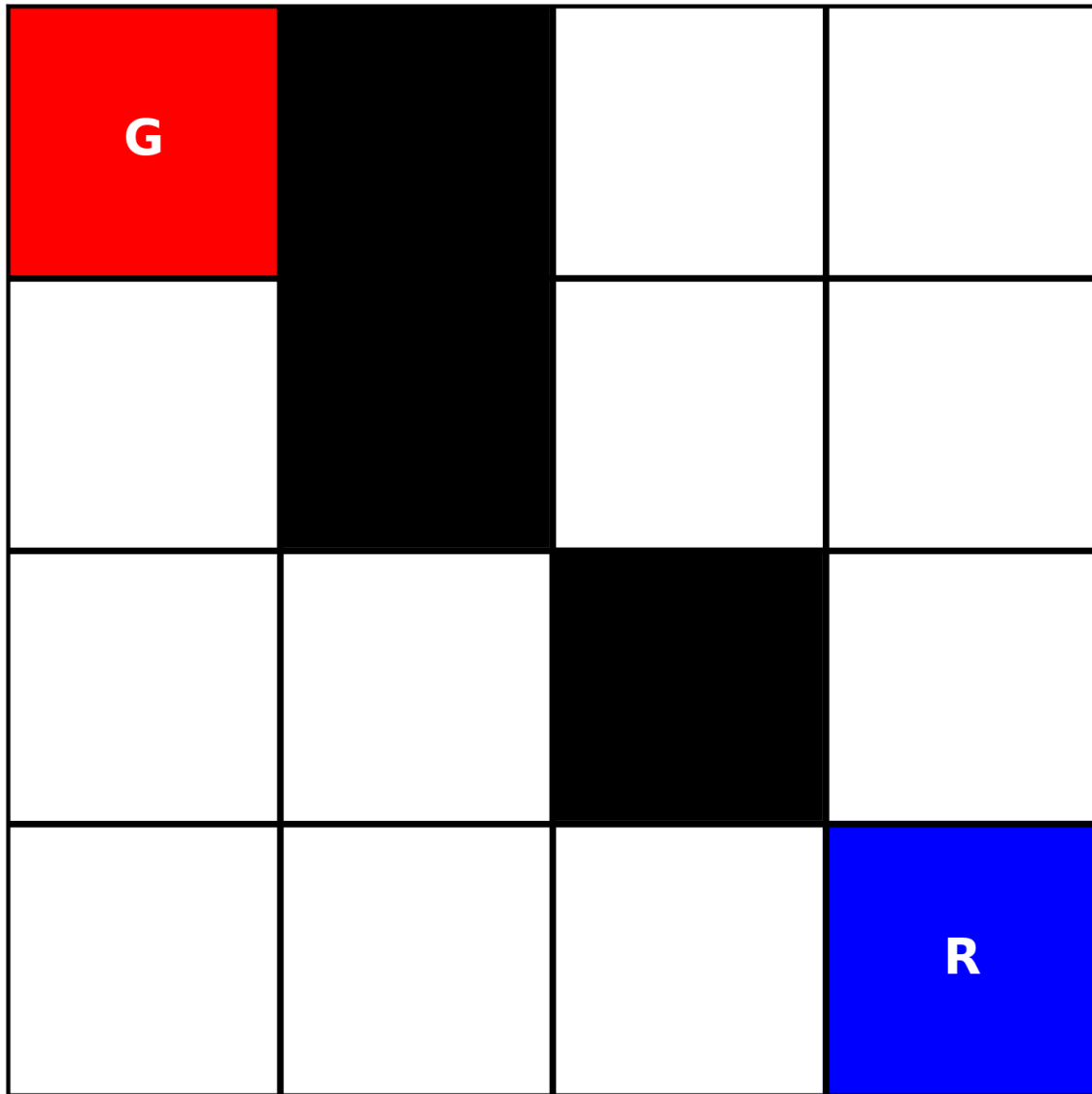
Goal position: (3, 1)

Obstacle positions: (0, 2), (1, 0), (3, 0)

Solution:
(MOVE-DOWN-FROM-TO (0, 1) (1, 1))
(MOVE-DOWN-FROM-TO (1, 1) (2, 1))
(MOVE-DOWN-FROM-TO (2, 1) (3, 1))

The grid has 4 rows, 4 columns

Start position: (3, 3)

Goal position: (0, 0)

Obstacle positions: (0, 1), (1, 1), (2, 2)

SOLUTION:
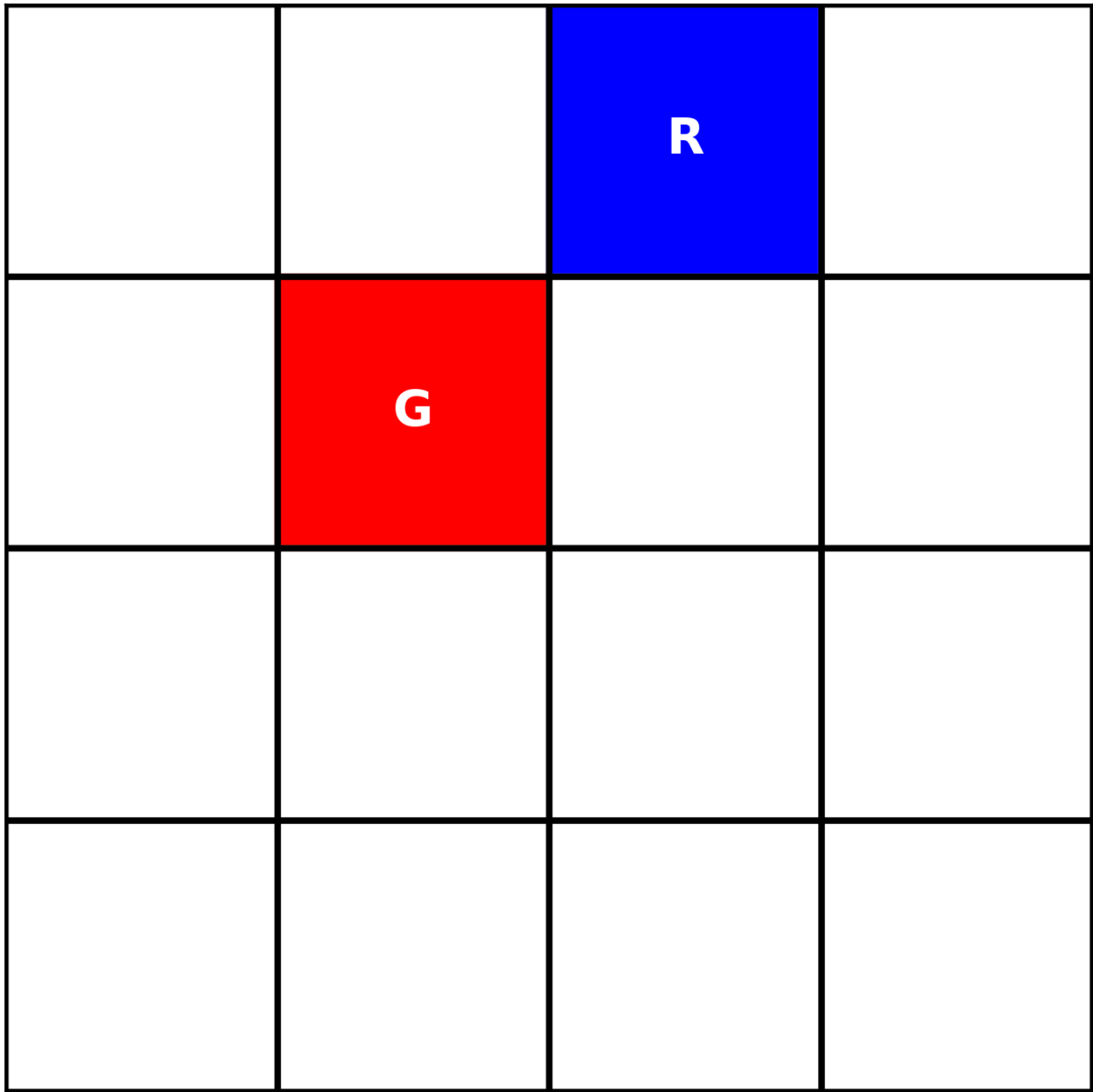(MOVE-DOWN-FROM-TO (0, 0) (1, 0))
(MOVE-DOWN-FROM-TO (1, 0) (2, 0))
(MOVE-DOWN-FROM-TO (2, 0) (3, 0))
(MOVE-RIGHT-FROM-TO (3, 0) (3, 1))
(MOVE-RIGHT-FROM-TO (3, 1) (3, 2))
(MOVE-RIGHT-FROM-TO (3, 2) (3, 3))

The grid has 4 rows, 4 columns
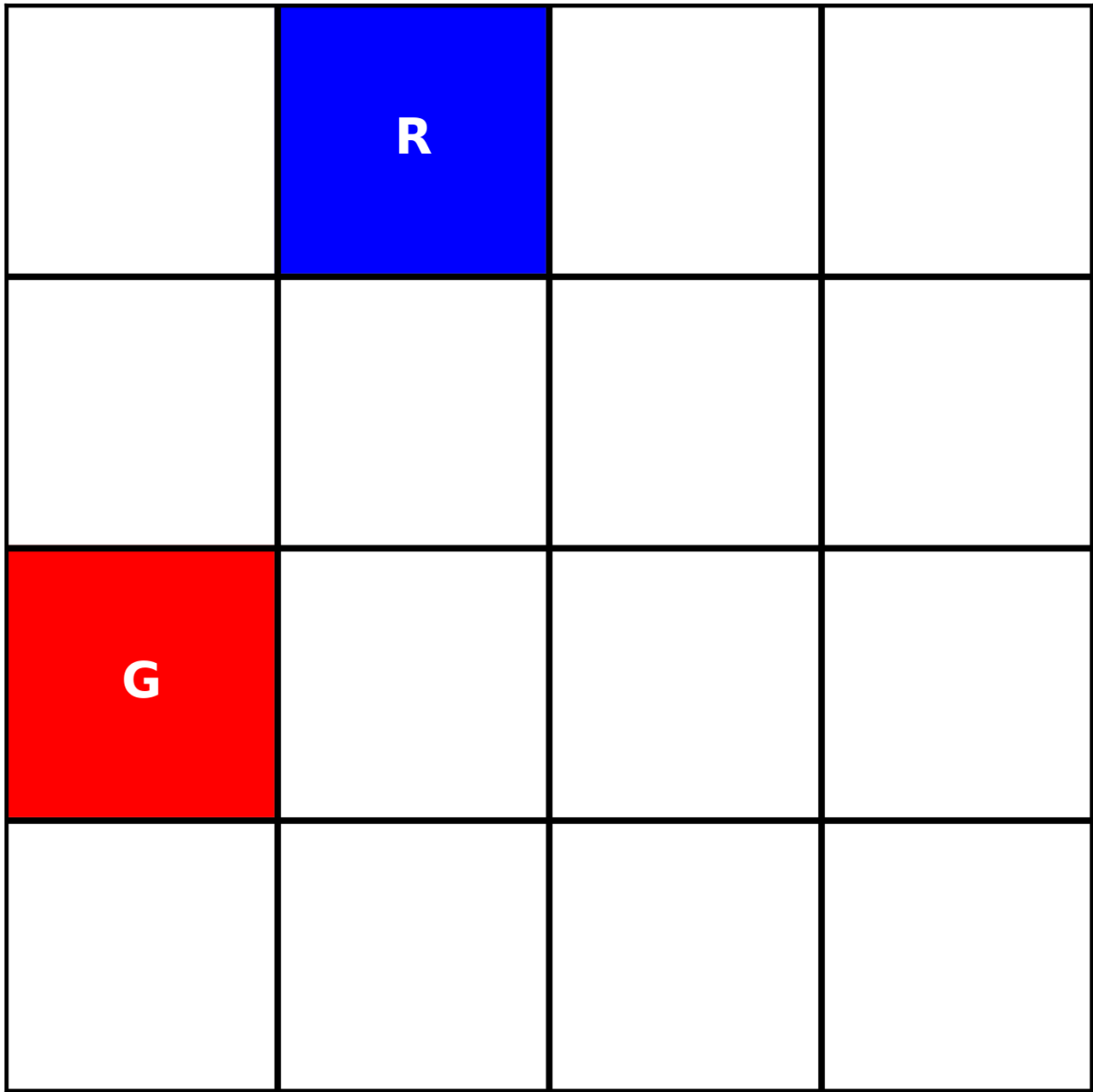
Start position: (0, 2)

Goal position: (1, 1)

Obstacle positions: NO OBSTACLES IN THIS GRID

SOLUTION:
(MOVE-DOWN-FROM-TO (0, 2) (1, 2))
(MOVE-LEFT-FROM-TO (1, 2) (1, 1))

The grid has 4 rows, 4 columns

Start position: (0, 1)

Goal position: (2, 0)

Obstacle positions: NO OBSTACLES IN THIS GRID
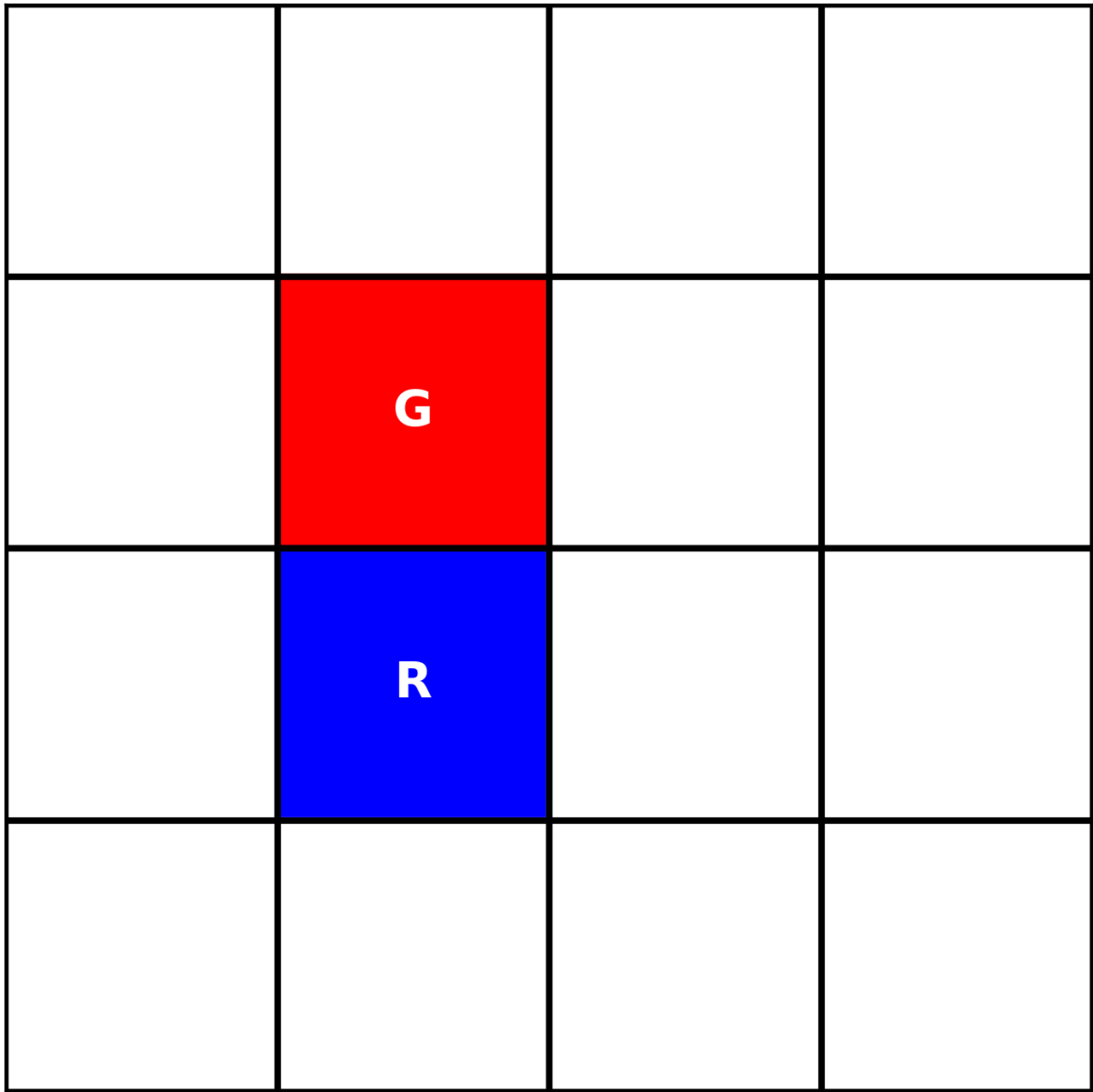
SOLUTION:
(MOVE-LEFT-FROM-TO (0, 1) (0, 0))
(MOVE-DOWN-FROM-TO (0, 0) (1, 0))
(MOVE-DOWN-FROM-TO (1, 0) (2, 0))
(MOVE-DOWN-FROM-TO (2, 0) (3, 0))
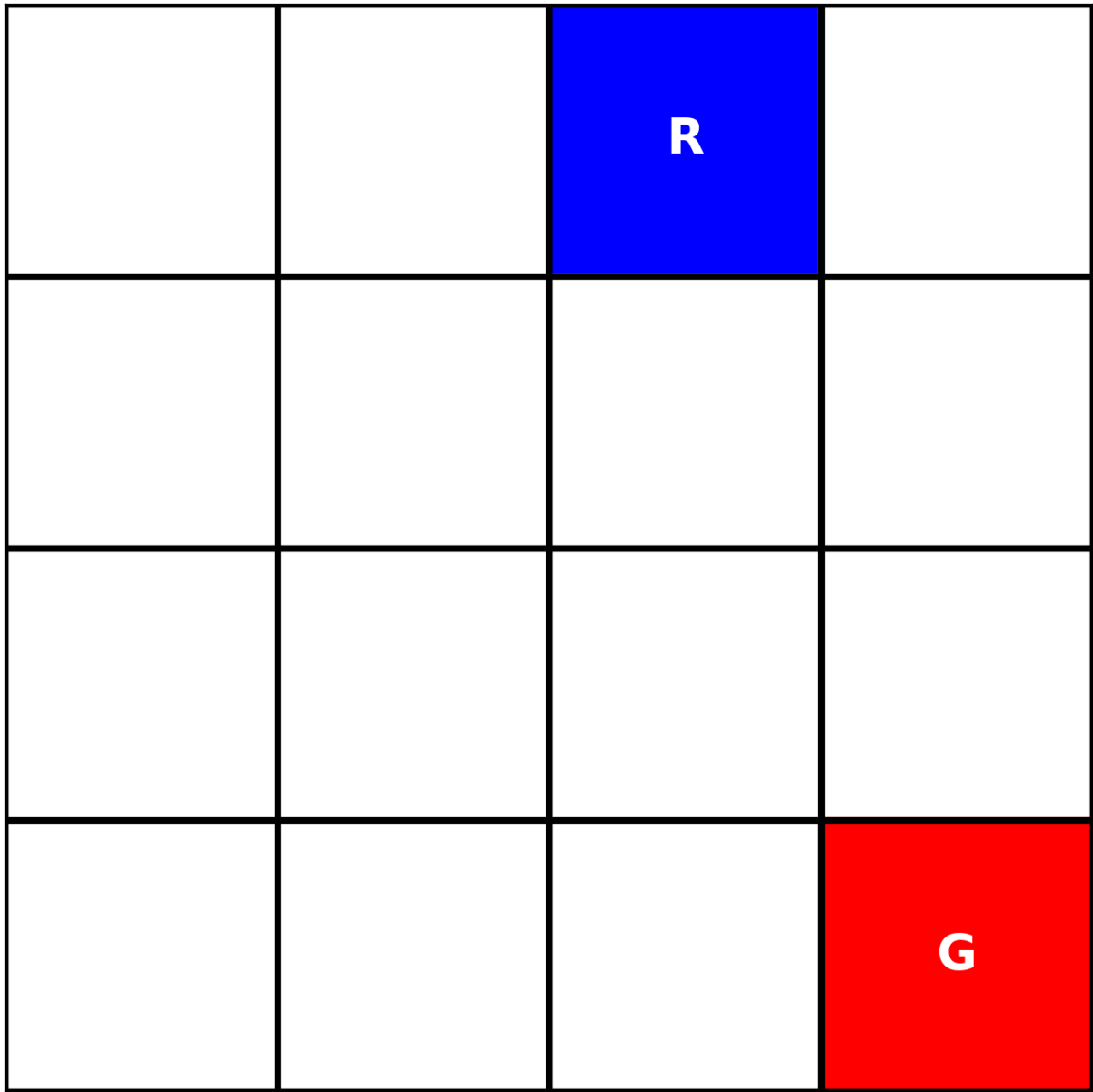
The grid has 4 rows, 4 columns

Start position: (2, 1)

Goal position: (1, 1)

Obstacle positions: NO OBSTACLES IN THIS GRID

SOLUTION:
(MOVE-UP-FROM-TO (2, 1) (1, 1))

The grid has 4 rows, 4 columns

Start position: (0, 2)

Goal position: (3, 3)

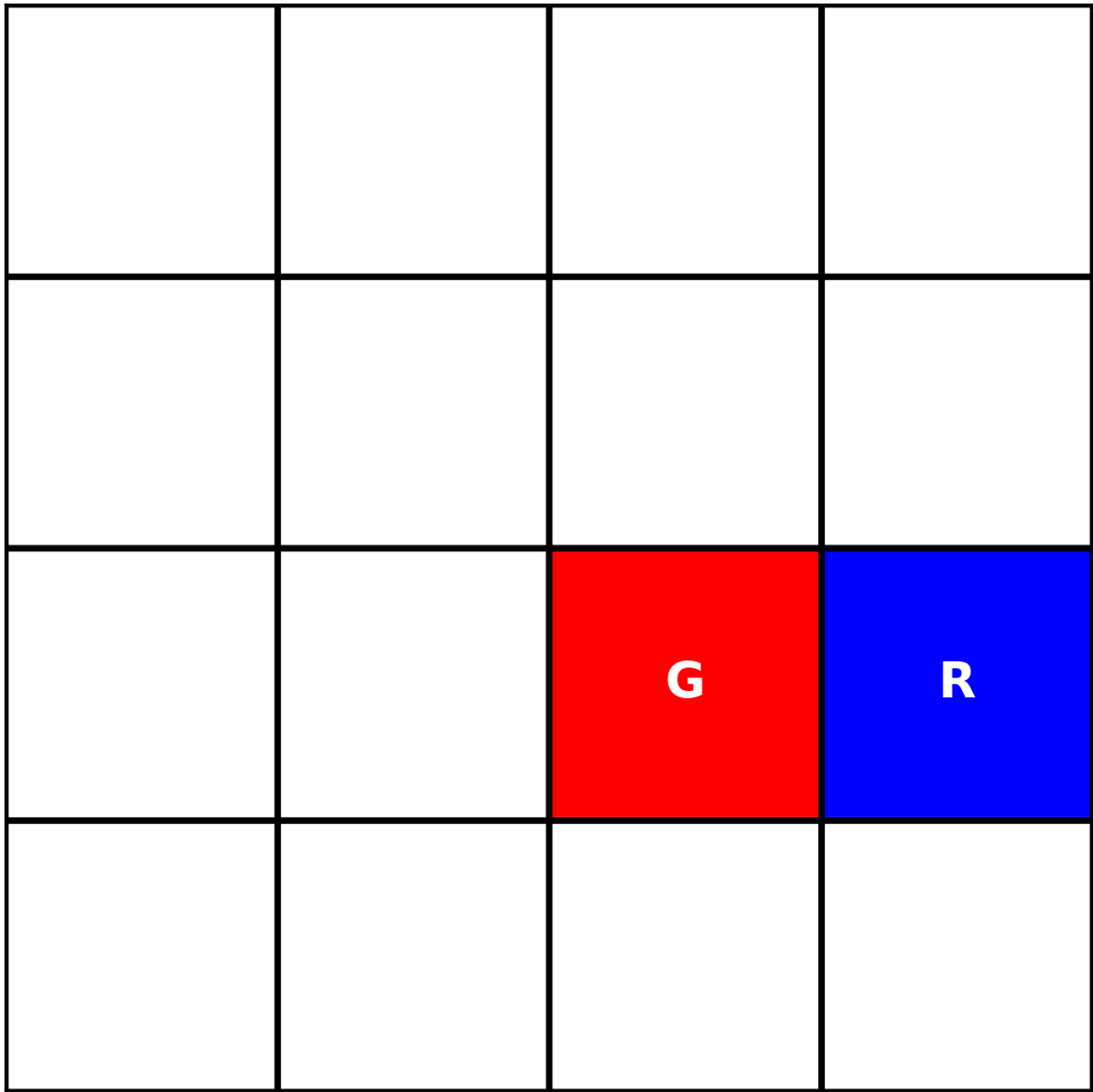Obstacle positions: NO OBSTACLES IN THIS GRID

SOLUTION:
(MOVE-RIGHT-FROM-TO (0, 2) (0, 3))
(MOVE-DOWN-FROM-TO (0, 3) (1, 3))
(MOVE-DOWN-FROM-TO (1, 3) (2, 3))
(MOVE-DOWN-FROM-TO (2, 3) (3, 3))
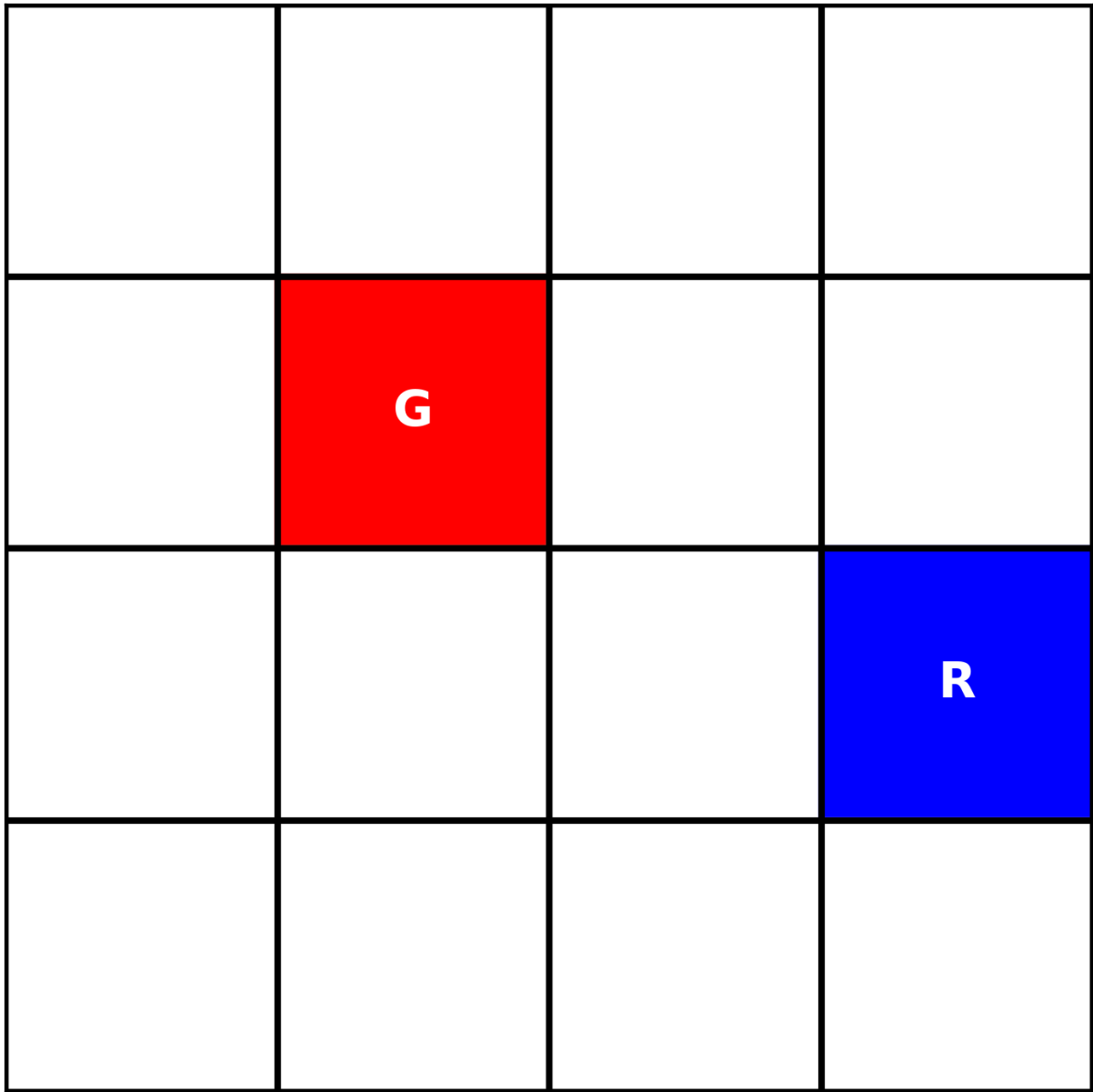
The grid has 4 rows, 4 columns

Start position: (2, 3)

Goal position: (2, 2)

Obstacle positions: NO OBSTACLES IN THIS GRID

SOLUTION:
(MOVE-LEFT-FROM-TO (2, 3) (2, 2))

The grid has 4 rows, 4 columns

Start position: (2, 3)
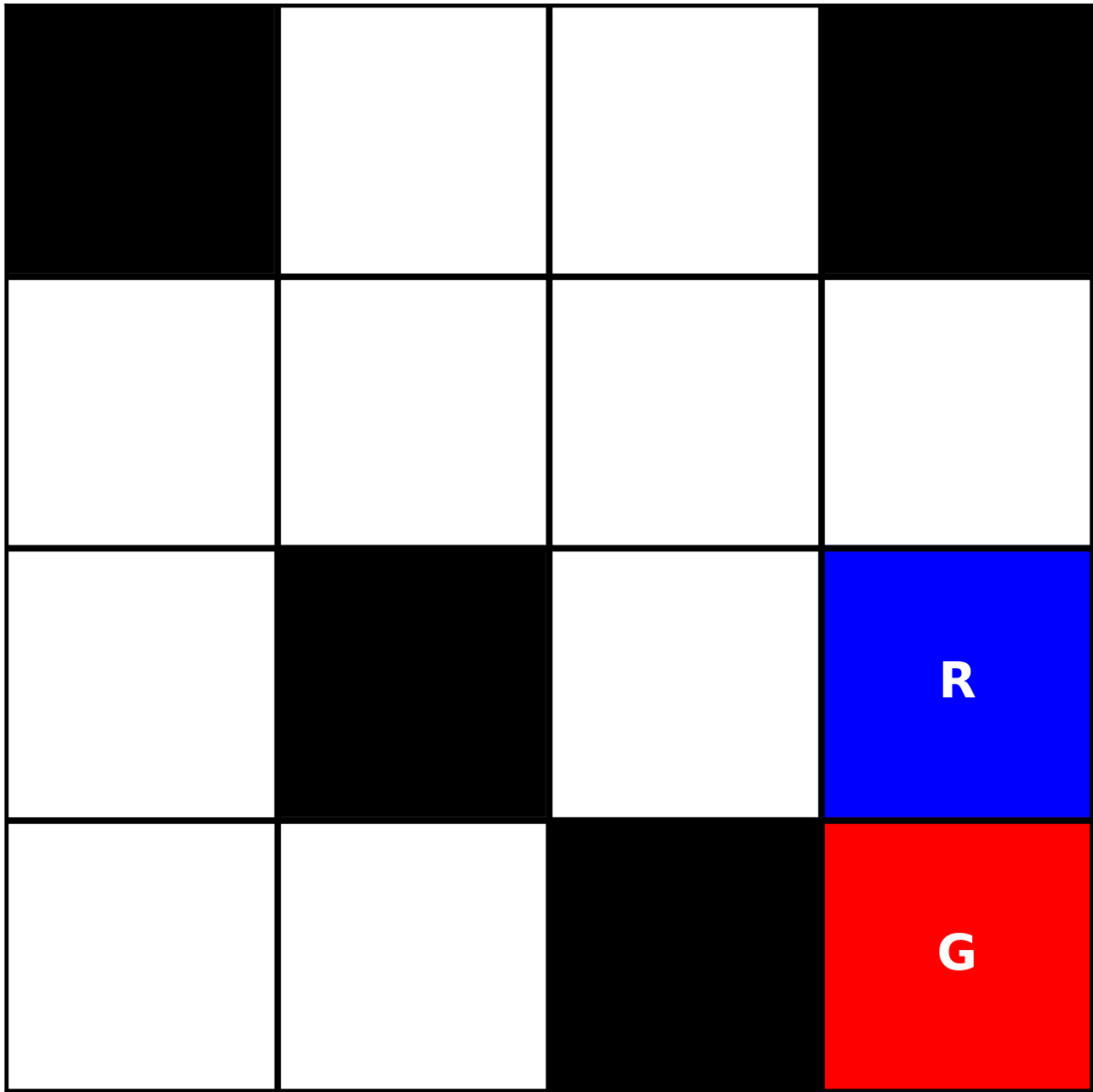
Goal position: (1, 1)

Obstacle positions: NO OBSTACLES IN THIS GRID

SOLUTION:
(MOVE-LEFT-FROM-TO (2, 3) (2, 2))
(MOVE-LEFT-FROM-TO (2, 2) (2, 1))
(MOVE-UP-FROM-TO (2, 1) (1, 1))
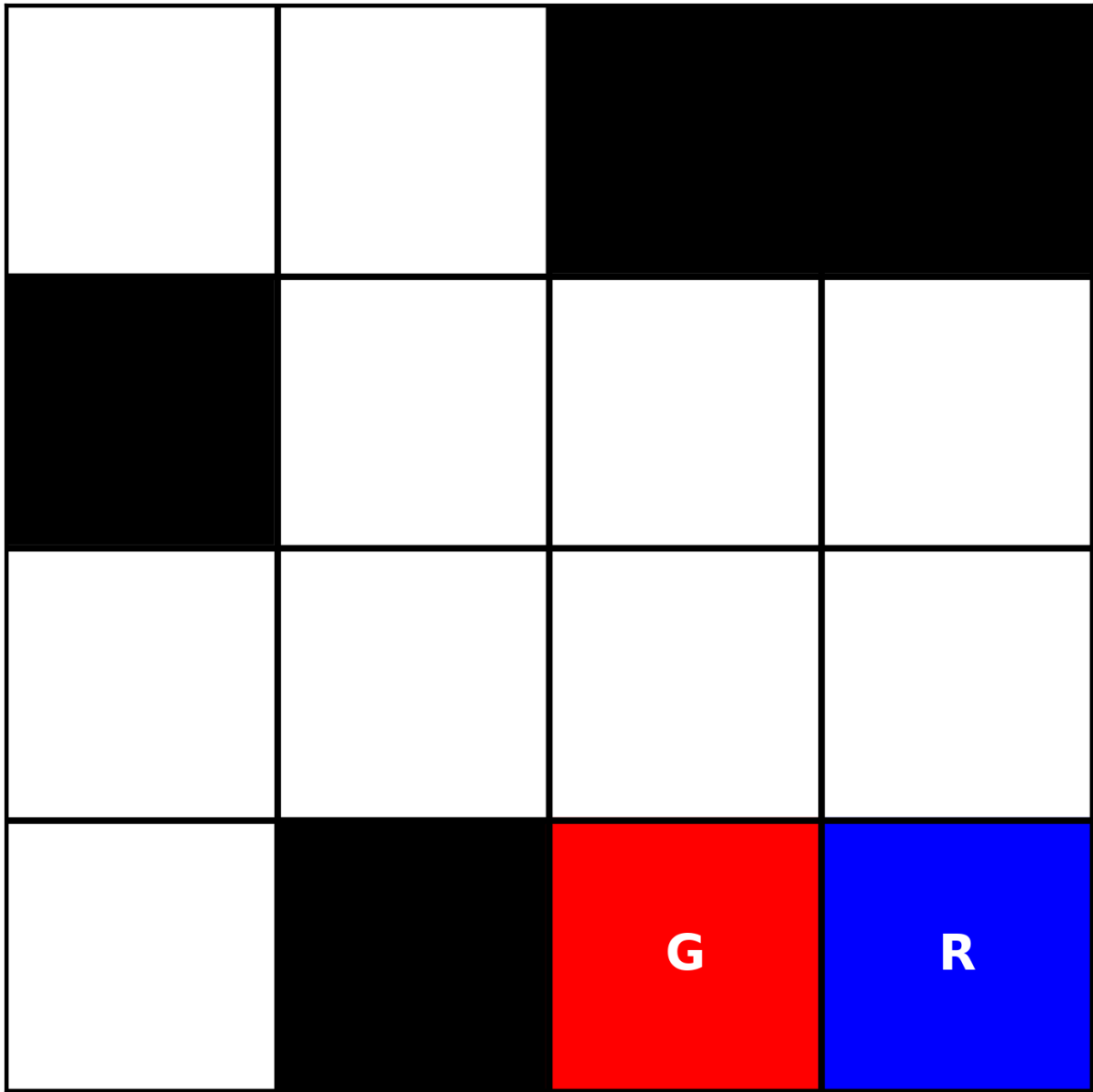
The grid has 4 rows, 4 columns

Start position: (2, 3)

Goal position: (3, 3)

Obstacle positions: (0, 0), (0, 3), (2, 1), (3, 2)

SOLUTION:
(MOVE-DOWN-FROM-TO (2, 3) (3, 3))
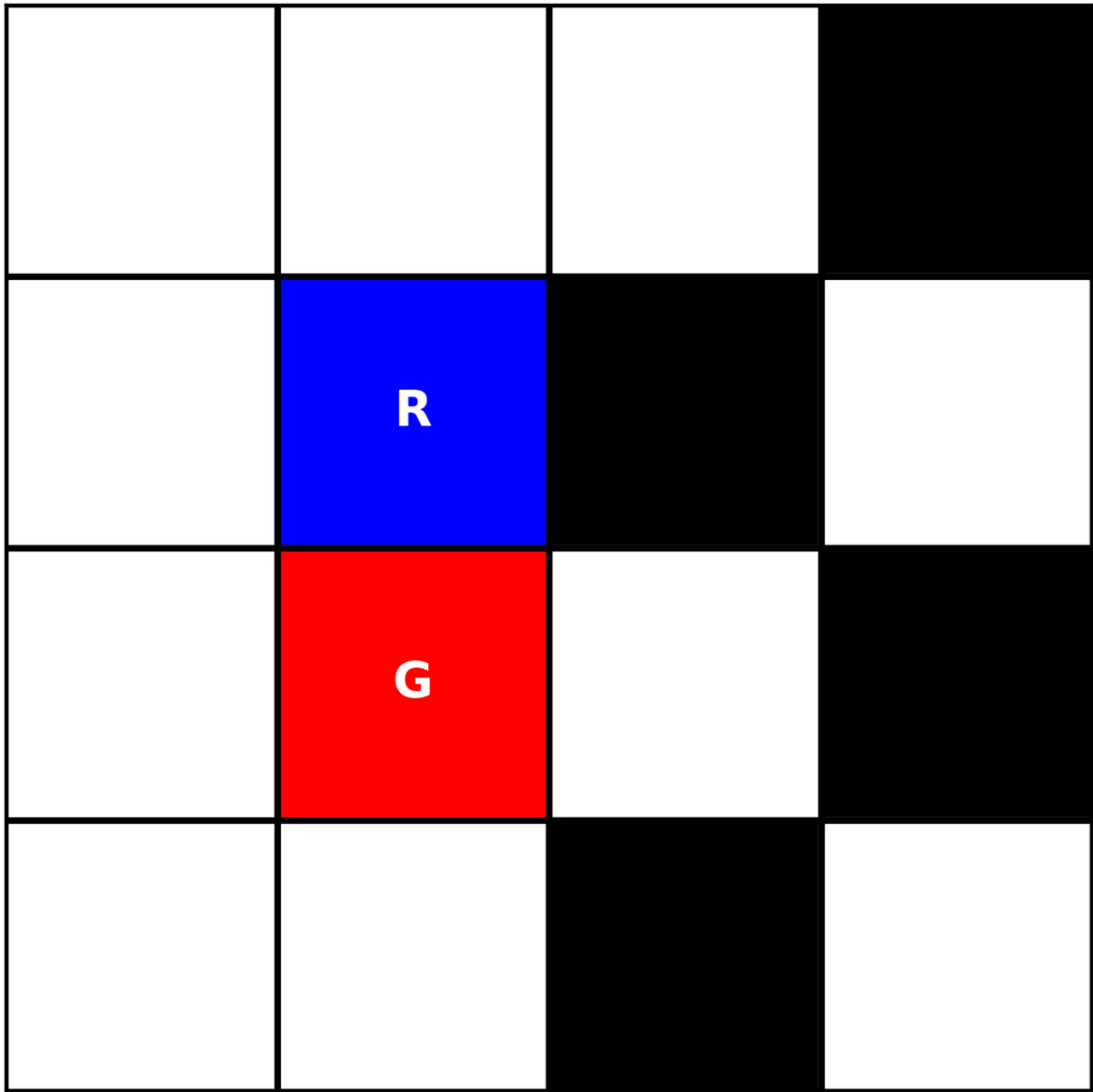
The grid has 4 rows, 4 columns

Start position: (3, 3)

Goal position: (3, 2)

Obstacle positions: (0, 2), (0, 3), (1, 0), (3, 1)

SOLUTION:
(MOVE-LEFT-FROM-TO (3, 3) (3, 2))
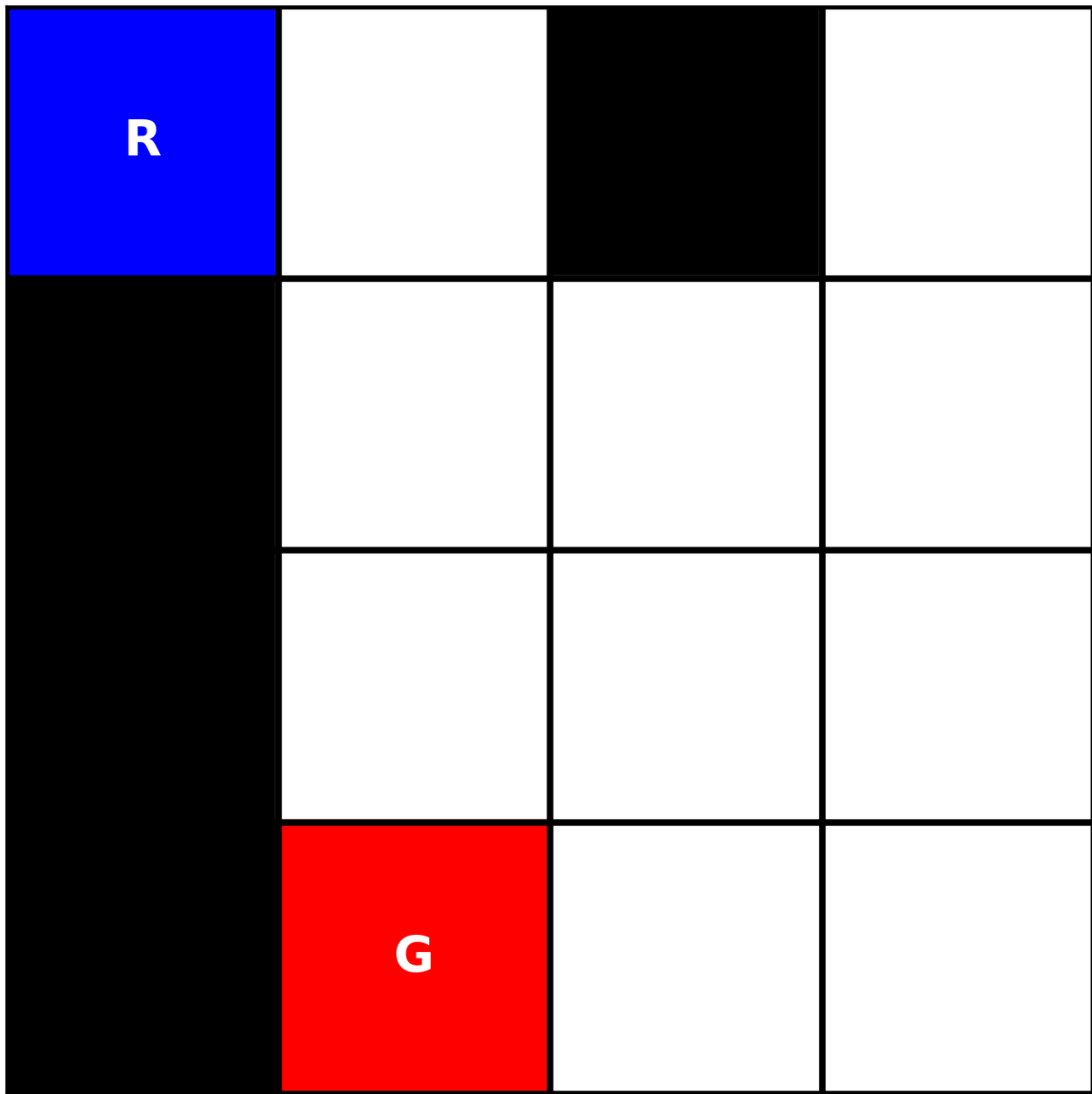
The grid has 4 rows, 4 columns

Start position: (1, 1)

Goal position: (2, 1)

Obstacle positions: (0, 3), (1, 2), (2, 3), (3, 2)

SOLUTION:
(MOVE-DOWN-FROM-TO (1, 1) (2, 1))

The grid has 4 rows, 4 columns

Start position: (0, 0)

Goal position: (3, 1)

Obstacle positions: (0, 2), (1, 0), (2, 0), (3, 0)
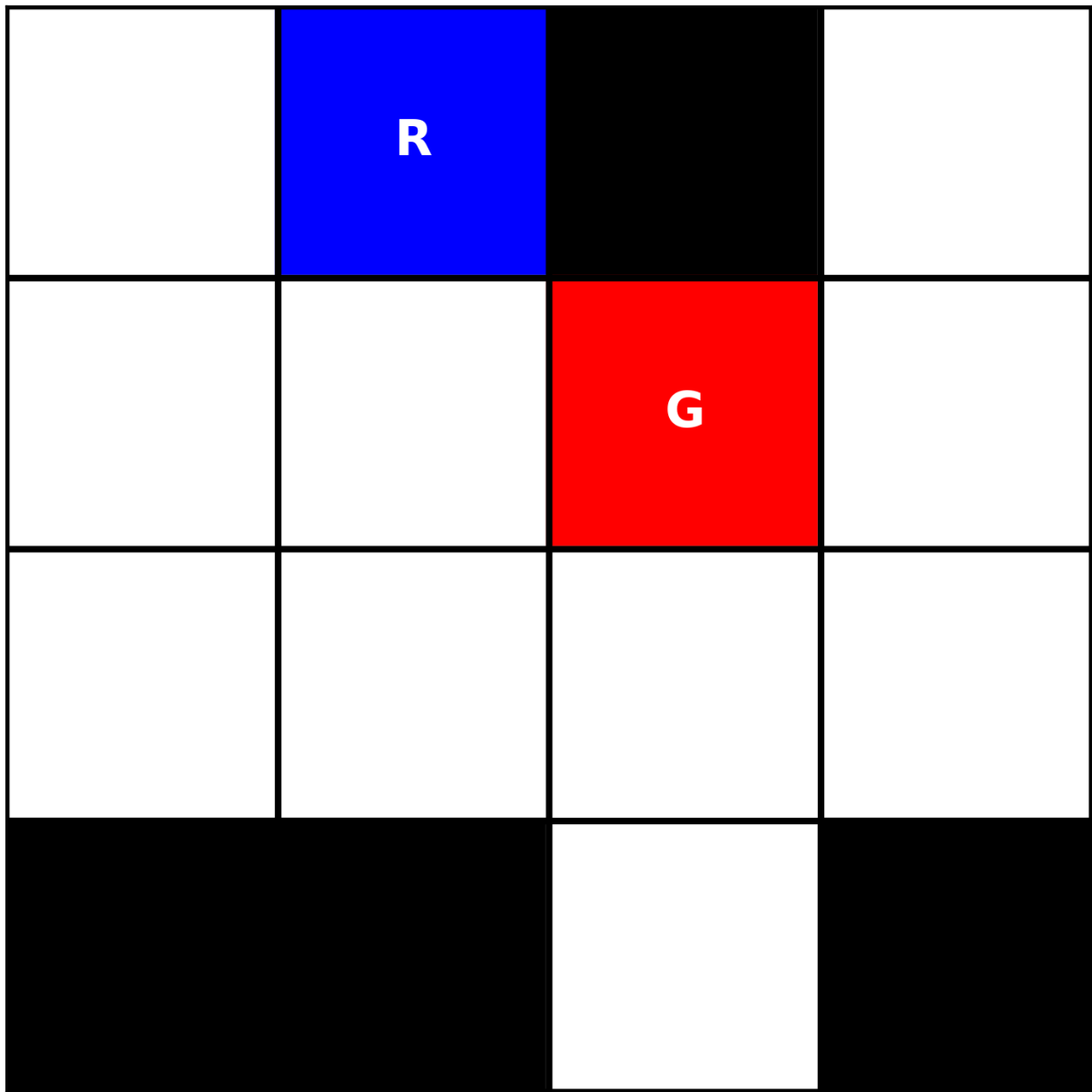
SOLUTION:
(MOVE-RIGHT-FROM-TO (0, 0) (0, 1))
(MOVE-DOWN-FROM-TO (0, 1) (1, 1))
(MOVE-DOWN-FROM-TO (1, 1) (2, 1))
(MOVE-DOWN-FROM-TO (2, 1) (3, 1))

The grid has 4 rows, 4 columns
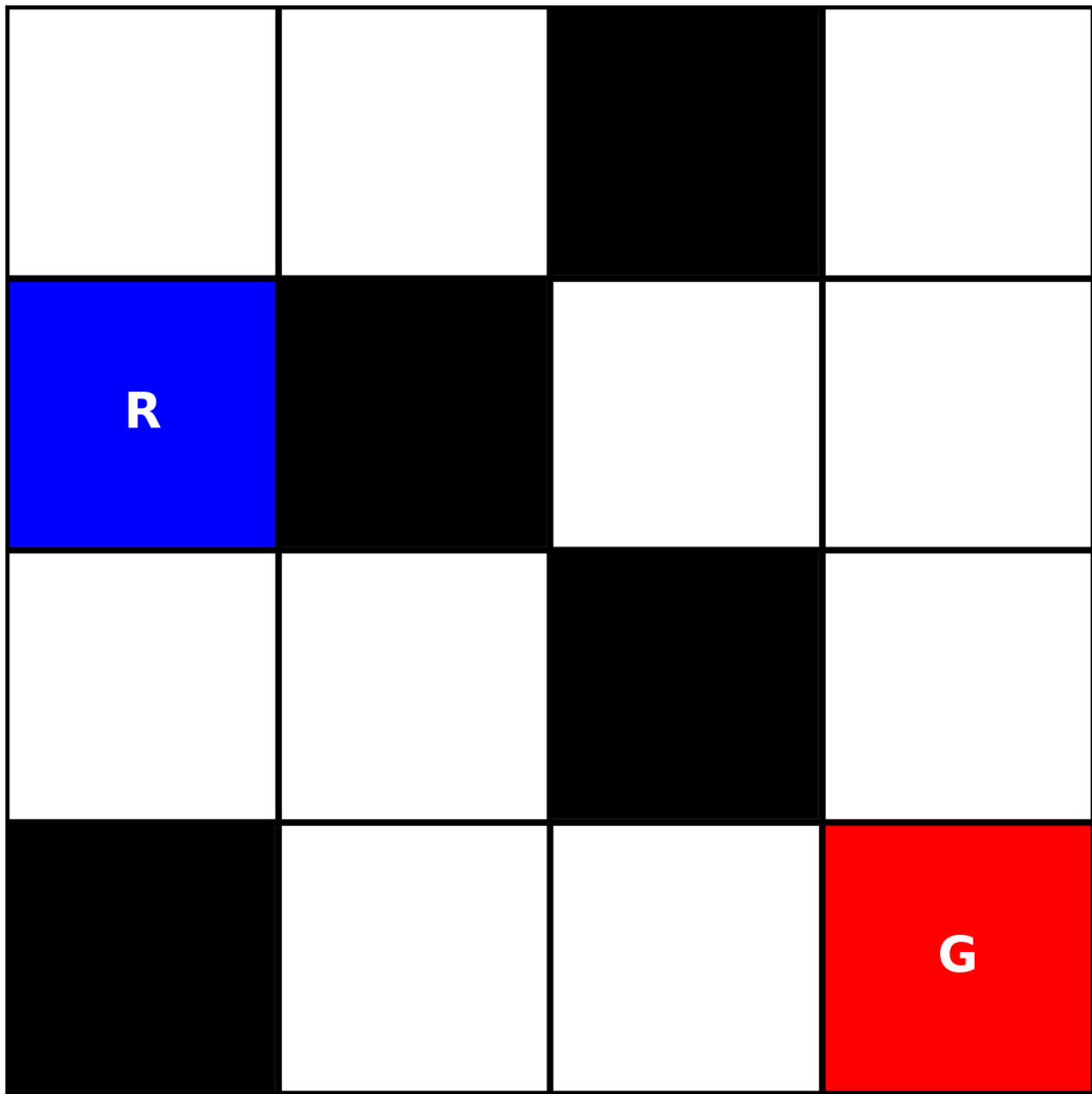
Start position: (0, 1)

Goal position: (1, 2)

Obstacle positions: (0, 2), (3, 0), (3, 1), (3, 3)

SOLUTION:
(MOVE-DOWN-FROM-TO (0, 1) (1, 1))
(MOVE-RIGHT-FROM-TO (1, 1) (1, 2))

The grid has 4 rows, 4 columns

Start position: (1, 0)

Goal position: (3, 3)

Obstacle positions: (0, 2), (1, 1), (2, 2), (3, 0)
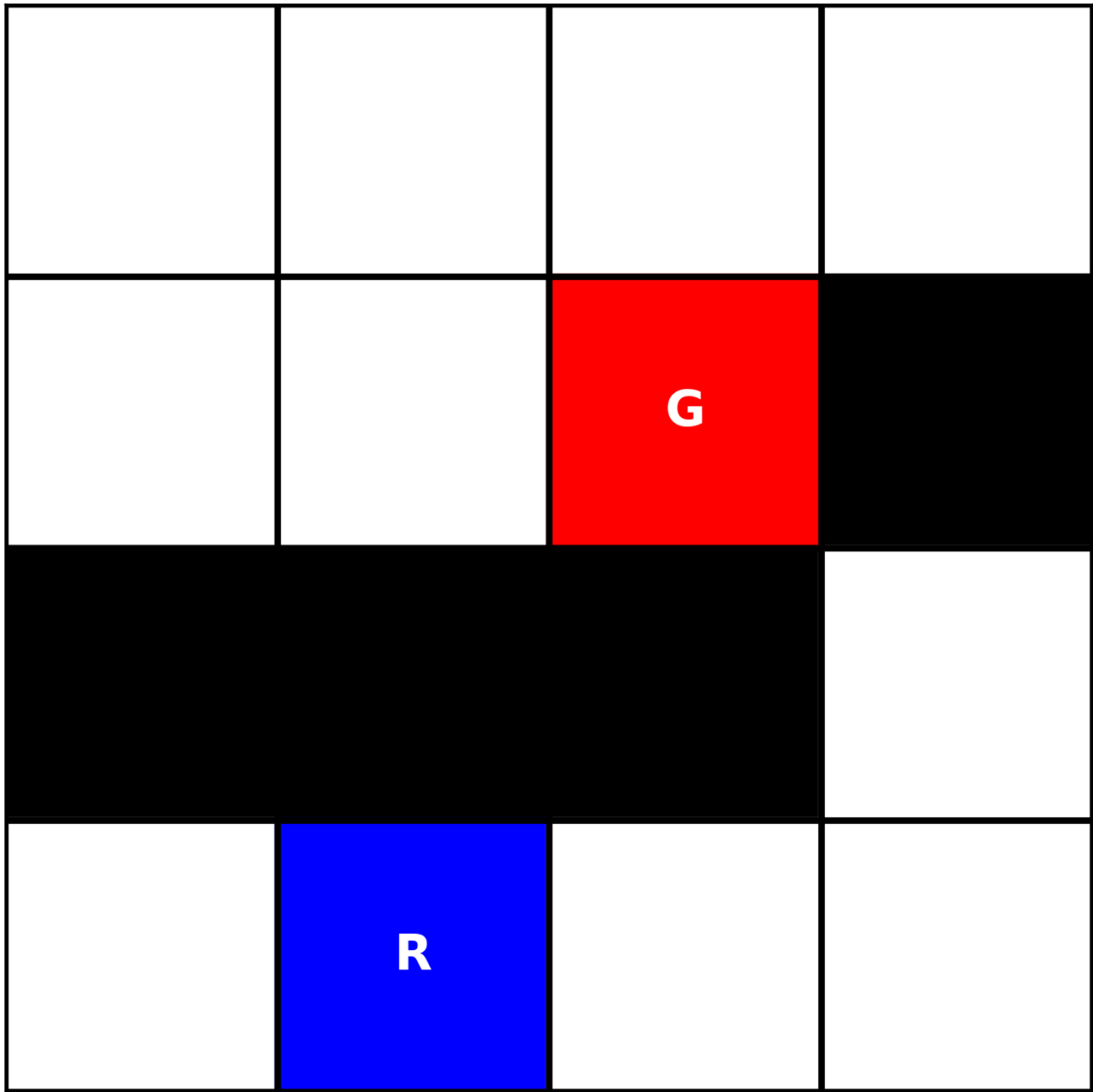
SOLUTION:
(MOVE-DOWN-FROM-TO (1, 0) (2, 0))
(MOVE-RIGHT-FROM-TO (2, 0) (2, 1))
(MOVE-DOWN-FROM-TO (2, 1) (3, 1))
(MOVE-RIGHT-FROM-TO (3, 1) (3, 2))
(MOVE-RIGHT-FROM-TO (3, 2) (3, 3))
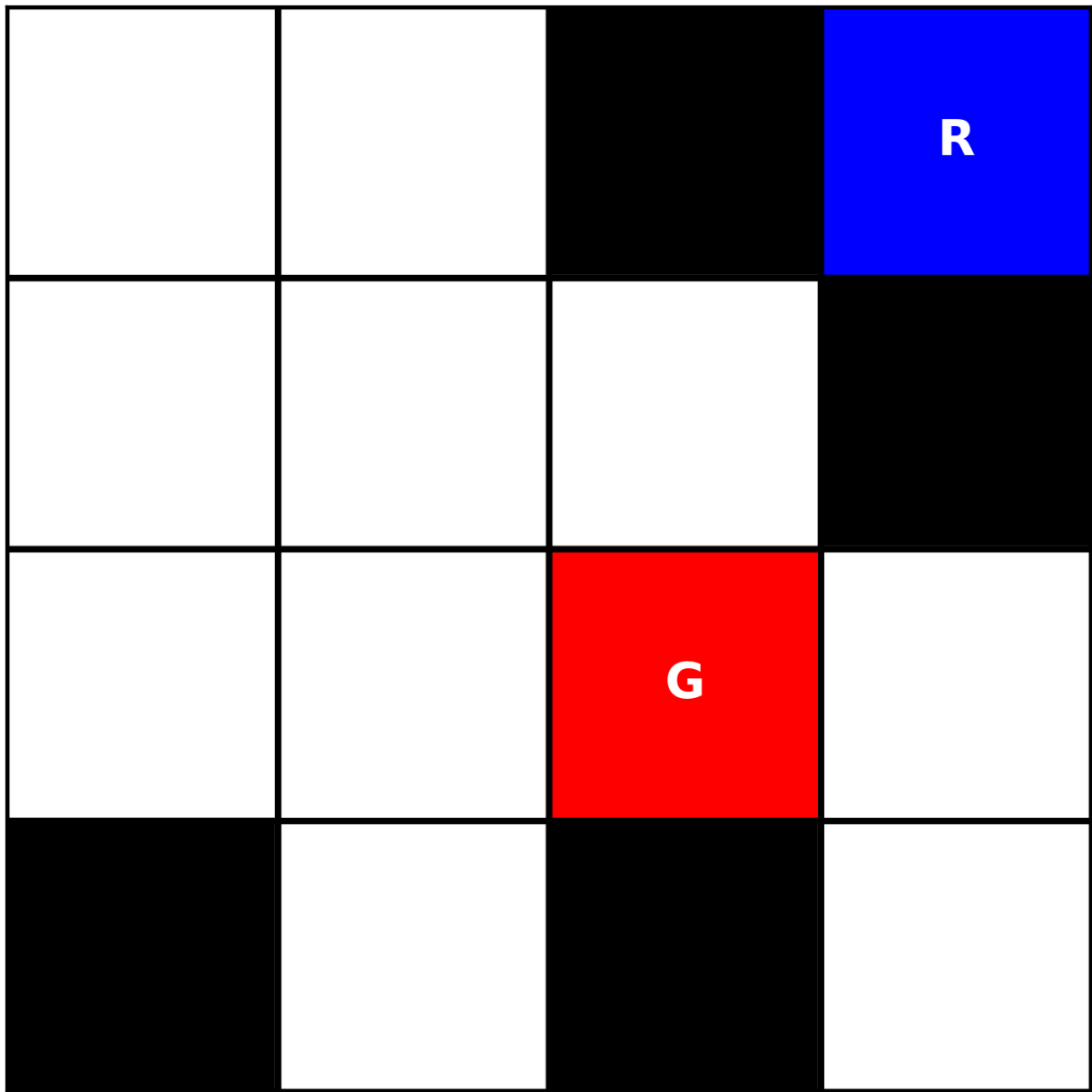
The grid has 4 rows, 4 columns

Start position: (3, 1)

Goal position: (1, 2)

Obstacle positions: (1, 3), (2, 0), (2, 1), (2, 2)

SOLUTION:

NO PLAN FOUND

The grid has 4 rows, 4 columns

Start position: (0, 3)

Goal position: (2, 2)

Obstacle positions: (0, 2), (1, 3), (3, 0), (3, 2)

SOLUTION:

NO PLAN FOUND.