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Welcome to Cat and Mouse Maze Adventure!
by Brian Fraser
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DIRECTIONS:
        Find 5 cheese before a cat eats you!
LEGEND:
        #: Wall
        @: You (a mouse)
        !: Cat
        $: Cheese
        .: Unexplored space
MOVES:
        Use W (up), A (left), S (down) and D (right) to move.
        (You must press enter after each move).

Maze:
####################
#@ ...............!#
## ...............#
#..................#
#..................#
#..................#
#..................#
#..................#
#...........$.....#
#..................#
#..................#
#..................#
#..................#
#!................!#
####################
Cheese collected: 0 of 5
Enter your move [WASD?]: c
Enter your move [WASD?]: d

Maze:
####################
# @#...............#
## #..............!#
#..................#
#..................#
#..................#
#..................#
#..................#
#..........$.....#
#..................#
#..................#
#..................#
#.................!#
#.!................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
#  #...............#
##@#..............!.#
#   .............#
#..............#
#...............#
#..................#
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    #.................#
    #...........$.....#
    #.................#
    #.................#
    #...............!#
    #.!...............#
    #.................#
    ###################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
    ###################
    #   #.............#
    ## #...........!..#
    # @ ..............#
    # ##..............#
    #.................#
    #.................#
    #.................#
    #...........$.....#
    #.................#
    #.................#
    #.!.............!.#
    #.................#
    #.................#
    ###################
Cheese collected: 0 of 1
Enter your move [WASD?]: d

Maze:
    ###################
    #   #.............#
    ## ##..........!...#
    #   @ ............#
    # ## .............#
    #.................#
    #.................#
    #.................#
    #..........$.....#
    #.................#
    #.................#
    #!.............!..#
    #.................#
    #.................#
    ###################
Cheese collected: 0 of 1
Enter your move [WASD?]: d

Maze:
    ###################
    #   #.............#
    ## ## ........!...#
    #    @#...........#
    # ##   ...........#
    #.................#
    #.................#
    #.................#
    #...........$.....#
    #.................#
    #!................#
    #.................#
    #..............!..#
    #.................#
    ###################
```

```
 Cheese collected: 0 of 1
 Enter your move [WASD?]: s

 Maze:
 ####################
 #   #..........!....#
 ## ## .............#
 #      #............#
 # ##@ .............#
 #..# #.............#
 #..................#
 #..................#
 #............$.....#
 #!.................#
 #..................#
 #..................#
 #..................#
 #................!..#
 ####################
 Cheese collected: 0 of 1
 Enter your move [WASD?]: d

 Maze:
 ####################
 #   #.........!.....#
 ## ## .............#
 #      #  ...........#
 # ## @ ...........#
 #..# ##...........#
 #..................#
 #..................#
 #!...........$.....#
 #..................#
 #..................#
 #..................#
 #..................#
 #................!.#
 ####################
 Cheese collected: 0 of 1
 Enter your move [WASD?]: d

 Maze:
 ####################
 #   #........!.....#
 ## ## .............#
 #      # #...........#
 # ##   @ ...........#
 #..# ## ...........#
 #..................#
 #!.................#
 #...........$.....#
 #..................#
 #..................#
 #..................#
 #..................#
 #.................!#
 ####################
 Cheese collected: 0 of 1
 Enter your move [WASD?]: d

 Maze:
 ####################
 #   #.......!.......#
 ## ## .............#
 #      # # ..........#
```

```
 # ##   @ .........#
 #..# ## #.........#
 #!...............#
 #................#
 #............$....#
 #................#
 #................#
 #................#
 #...............!#
 #................#
 ####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
 #   #......!.......#
 ## ## ............#
 #     # # .........#
 # ##      .........#
 #..# ##@#.........#
 #.!... # .........#
 #................#
 #..........$....#
 #................#
 #................#
 #...............!#
 #................#
 #................#
 ####################
Cheese collected: 0 of 1
Enter your move [WASD?]: w

Maze:
####################
 #   #.....!.......#
 ## ## ............#
 #     # # .........#
 # ##    @ .........#
 #.!# ## #.........#
 #..... # .........#
 #................#
 #..........$....#
 #................#
 #................#
 #...............!.#
 #................#
 #................#
 ####################
Cheese collected: 0 of 1
Enter your move [WASD?]: d

Maze:
####################
 #   #....!.........#
 ## ## ............#
 #     # # #........#
 # ##     @ ........#
 #..# ## ##.........#
 #.!... # .........#
 #................#
 #...........$.....#
 #................#
 #................#
 #..............!..#
```

```
#.................#
#.................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: d

Maze:
####################
#   #...!..........#
## ## ............#
#    # # # .......#
# ##      @ .......#
#..# ## ## .......#
#!.... # .........#
#.................#
#...........$.....#
#.................#
#..............!..#
#.................#
#.................#
#.................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: d

Maze:
####################
#   #..!...........#
## ## ............#
#    # # # #.......#
# ##       @ ......#
#..# ## ## #.......#
#..... # .........#
#!................#
#...........$.....#
#.................#
#..............!..#
#.................#
#.................#
#.................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
#   #.!............#
## ## ............#
#    # # # #.......#
# ##        ......#
#..# ## ##@#.......#
#..... # # #.......#
#.................#
#!..........$.....#
#.................#
#..............!..#
#.................#
#.................#
#.................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
```

```
#   #!..............#
## ## .............#
#     # # # #.......#
# ##          .......#
#..# ## ## #.......#
#..... # #@#.......#
#........    .......#
#...............$....#
#!.............!....#
#..................#
#..................#
#..................#
#..................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
#   #.!.............#
## ## .............#
#     # # # #.......#
# ##          .......#
#..# ## ## #.......#
#..... # # #.......#
#........ @ .......#
#........# #.$!....#
#..................#
#!.................#
#..................#
#..................#
#..................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
#   #..!............#
## ## .............#
#     # # # #.......#
# ##          .......#
#..# ## ## #.......#
#..... # # #.......#
#........    .......#
#........#@#.!....#
#........  #.......#
#..................#
#!.................#
#..................#
#..................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
#   #...!............#
## ## .............#
#     # # # #.......#
# ##          .......#
#..# ## ## #.......#
#..... # # #.......#
#........    .......#
#........# #!$.....#
```

```
#........ @#.......#
#........ # .......#
#.!...............#
#.................#
#.................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s
Invalid move: you cannot move through walls!
Enter your move [WASD?]: w

Maze:
####################
#   #....!.........#
## ## .............#
#     # # # #.......#
# ##          ......#
#..# ## ## #.......#
#..... # # #.......#
#........   !......#
#........#@#.$.....#
#........  #.......#
#........ # .......#
#.................#
#.!...............#
#.................#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: w

Maze:
####################
#   #.....!........#
## ## .............#
#     # # # #.......#
# ##          ......#
#..# ## ## #.......#
#..... # # #.......#
#........ @!......#
#........# #.$.....#
#........   #......#
#........ # .......#
#.................#
#.................#
#.!...............#
####################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
####################
#   #......!........#
## ## .............#
#     # # # #.......#
# ##          ......#
#..# ## ## #.......#
#..... # # #.......#
#........ !  .......#
#........#@#.$.....#
#........   #.......#
#........ # .......#
#.................#
#.................#
#..!..............#
####################
```

```
 Cheese collected: 0 of 1
 Enter your move [WASD?]: s

 Maze:
 ####################
 #   #..............#
 ## ## ....!........#
 #     # # # #.......#
 # ##         .......#
 #..# ## ## #.......#
 #.....  # #!#.......#
 #........    .......#
 #........# #.$.....#
 #........ @#.......#
 #........ #  ......#
 #..................#
 #..................#
 #...!..............#
 ####################
 Cheese collected: 0 of 1
 Enter your move [WASD?]: w

 Maze:
 ####################
 #   #..............#
 ## ## .............#
 #     # # #!#.......#
 # ##         .......#
 #..# ## ##!#.......#
 #..... # # #.......#
 #........    ......#
 #........#@#.$.....#
 #........  #.......#
 #........ #  ......#
 #..................#
 #..................#
 #....!.............#
 ####################
 Cheese collected: 0 of 1
 Enter your move [WASD?]: w

 Maze:
 ####################
 #   #..............#
 ## ## .............#
 #     # # # #.......#
 # ##       ! .......#
 #..# ## ## #.......#
 #..... # # #.......#
 #........ @  ......#
 #........# #.$.....#
 #........  #.......#
 #........ #  ......#
 #..................#
 #..................#
 #.....!............#
 ####################
 Cheese collected: 0 of 1
 Enter your move [WASD?]: d

 Maze:
 ####################
 #   #..............#
 ## ## .............#
 #     # # # #.......#
```

```
# ##        !......#
#..# ## ##!#.......#
#..... # # # ......#
#........  @ ......#
#........# # $.....#
#........  #.......#
#........ #  ......#
#.................#
#....!............#
#.................#
###################
Cheese collected: 0 of 1
Enter your move [WASD?]: d

Maze:
###################
#  #..............#
## ## ............#
#    # # # #.......#
# ##       ! ......#
#..# ## ## #.......#
#..... # #!# #.....#
#........  @#.....#
#........# # $.....#
#........  #......#
#....... # ......#
#.................#
#.................#
#.....!...........#
###################
Cheese collected: 0 of 1
Enter your move [WASD?]: s

Maze:
###################
#  #..............#
## ## ............#
#    # # # #.......#
# ##        ......#
#..# ## ##!#.......#
#..... # # # #.....#
#........ !  #.....#
#........# #@$.....#
#........  # #.....#
#........ # ......#
#.................#
#.................#
#....!............#
###################
Cheese collected: 0 of 1
Enter your move [WASD?]: d
Congratulations! You won!

Maze:
###################
# #           # # #
## ## # ## # #     #
#    # # # ##  ## ##
# ##         # #  # #
## # ## ##!#  # #  #
#    # # # # #  # ##
# # #     !  ##    #
#     # ## # @  # ##
# # # # #  # # ##  #
# # #    #       ###
```

```
 # $#  # ##  # ##   #
## # # ##  #  #  # #
 #   !    ###  #   #
####################
Cheese collected: 1 of 1

Process finished with exit code 0
```