

Test Case 1:

roomSize [3,3]

coords: [1,1]

patches: [2,1] [2,2] [1,2] [2,0] [0,1] [0,0]

instructions: [1,0] [2,0]

instructions: EE NN WWW SS EEE

Observed Result

Expected Result

coords [2,0]

[2,0]

patches 7

8

Test Case 2: Same Result when sending patches in different order

roomSize: [3,3]

coords: [1,1]

patches: [2,0] [1,0] [0,0] [0,1] [2,0] [1,2]

instructions: [2,2] [2,1]

instructions: EE NN WWW SS EEE

Observed Result

Expected Result

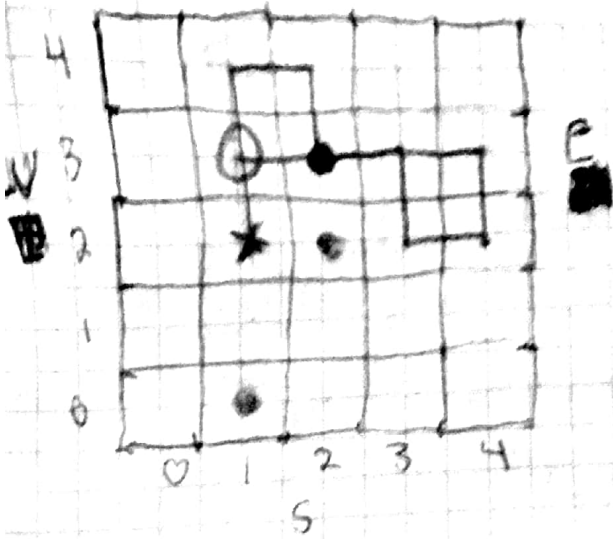
coords [2,0]

[2,0]

patches 7

7

Test Case 3 (Example)



roomSize [5,5]

coords [1,3]

patches [1,0] [2,2] [2,3]

instructions NNESEESWNW

Observed Result

coords [1,3]

patches [1]

Expected Result

[1,3]

[1]

instructions NNESEESWNW

Test Case 4

SSSEENNW

Observed Result

coords [1,2]

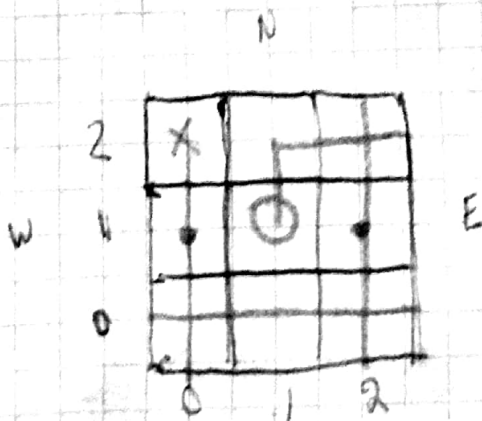
patches 7

Expected Result

[1,2]

3

Test Case 5



Observed Result

coords [1,1]

Patches 8

Expected Result

[1,1]

2

roomSize [3,3]

coords [0,2]

Patches [0,1] [2,1]

instructions SSSWSEEESENNENWS