

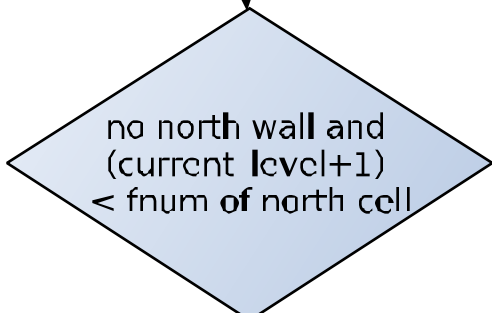
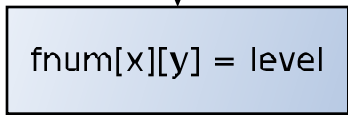
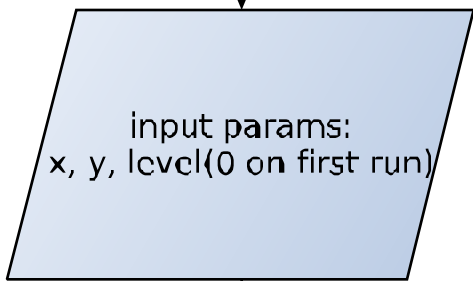
floodfill

floodfill is a recursive algorithm

Takes parameters x,y, and level

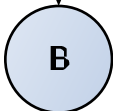
Sets fnum array to level (indicates distance away from start)

Checks north, east, south, and west cells and runs floodfill (with level + 1) if the cell has a floodfill value > (level+1) and no walls between it

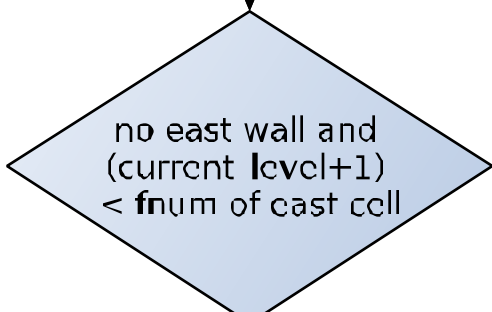


False

True

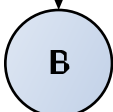


floodfill parameters:
x, y+1, level+1

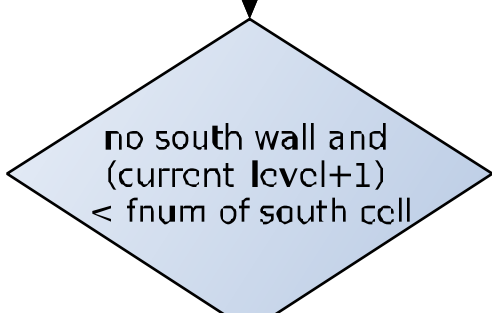


False

True

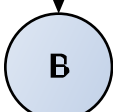


floodfill parameters:
x+1, y, level+1

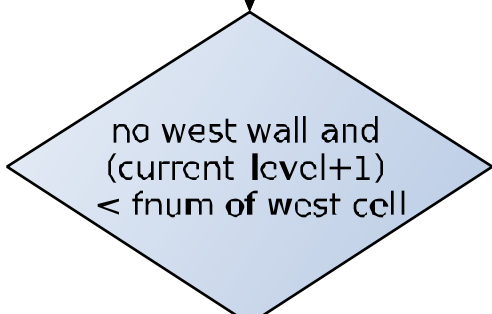


False

True

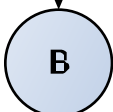


floodfill parameters:
x, y-1, level+1



False

True



floodfill parameters:
x-1, y, level+1

