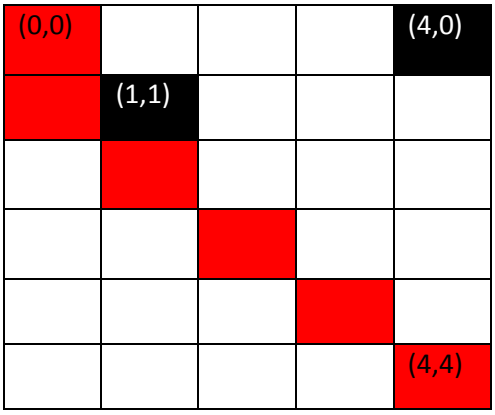
Maze Problem:

An m by n board is given and a mouse wants to go from cell (0,0) to cell (m-1,n-1). There are some void cells on which the mouse cannot walk. You need to implement an algorithm that finds the shortest path that the mouse can take to go from cell (0,0) to cell (m-1,n-1) without walking on void cells. You are given two integers m and n which determine the dimension of your table two integer arrays containing the x and y indices of void cells. An animation that shows the path of the mouse on the board is also considered in the competition.

This assignment has 10% bonus mark for the one that wins the competition.

Black cells are void and red cells show the path from (0,0) to (m-1,n-1).



Inputs are: m=5, n=5, xarrray={1,4}, yarray={1,0}