

Prompt	Scratchpad	Our Solution(s)	Video Explanation	Run Code
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Solution 1	Solution 2	Solution 3	Solution 4
<pre>1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 package main 4 5 // O(n^4) time   O(1) space - where n is the height and width of the matrix 6 ▾ func SquareOfZeroes(matrix [][]int) bool { 7     n := len(matrix) 8     ▾ for topRow := 0; topRow &lt; n; topRow++ { 9         ▾ for leftCol := 0; leftCol &lt; n; leftCol++ { 10             squareLength := 2 11             ▾ for squareLength &lt;= n-leftCol &amp;&amp; squareLength &lt;= n-topRow { 12                 bottomRow := topRow + squareLength - 1 13                 rightCol := leftCol + squareLength - 1 14                 ▾ if isSquareOfZeroes(matrix, topRow, leftCol, bottomRow, rightCol) { 15                     return true 16                 } 17                 squareLength += 1 18             } 19         } 20     } 21     return false 22 } 23 24 // r1 is the top row, c1 is the left column 25 // r2 is the bottom row, c2 is the right column 26 ▾ func isSquareOfZeroes(matrix [][]int, r1, c1, r2, c2 int) bool { 27     ▾ for row := r1; row &lt; r2+1; row++ { 28         ▾ if matrix[row][c1] != 0    matrix[row][c2] != 0 { 29             return false 30         } 31     } 32 33     ▾ for col := c1; col &lt; c2+1; col++ { 34         ▾ if matrix[r1][col] != 0    matrix[r2][col] != 0 { 35             return false 36         } 37     } 38     return true 39 } 40</pre>			

