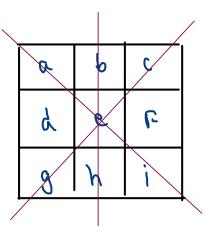
Magic squares; in a 3 x 3 matrix containing
all unique elements 1 to 9
iii) sum of each row = sum of each cols
= sum of both diagonals.

a+b+c+d+c+f+g+h+i = 45

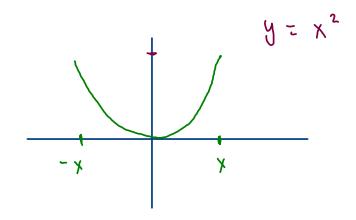


## 977. Squares of a Sorted Array

Given an integer array nums sorted in **non-decreasing** order, return an array of **the squares of each number** sorted in non-decreasing order.

Input: nums = 
$$[-4, -1, 0, 3, 10]$$

Output: [0,1,9,16,100]



$$16 1 0 9 100$$
 $arr: [-4, -1, 0, 3, 10]$ 

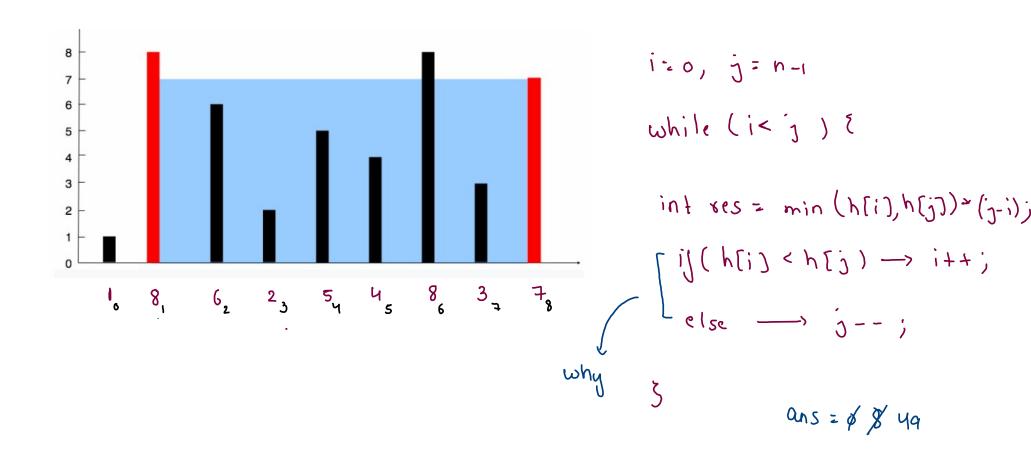
ans:  $[0, 1, 9, 16, 100]$ 

$$T: o(n)$$
-4 -1 0 3 10

ans 0 1 9 16 100

0 1 2 3 4

## 11. Container With Most Water



## 238. Product of Array Except Self

4