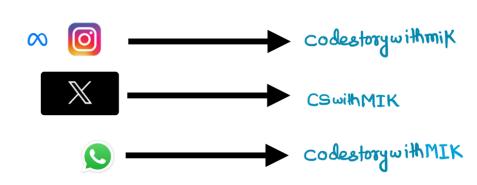
Graph Concepts









(V) otivation :-

A stone is broken by

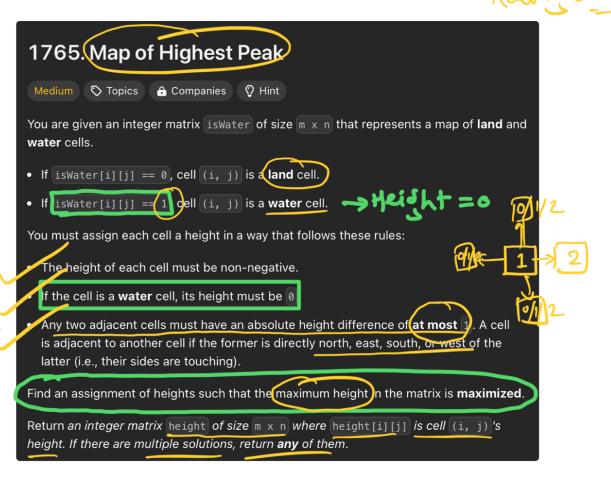
the last stroke of hammer. That doesn't mean that just stroke is

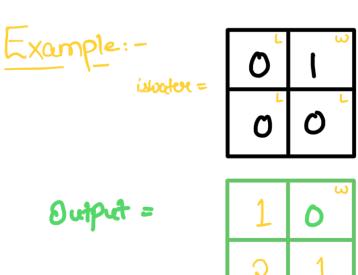




useless.

Success is the result of continuous effort. Multi-Source. Rolling Granges





maxyei = 2

ishater =	3	0	0
	0	٥	0

Output:

1	1	0
O	1	1
1	2	2

max 4 = 2

Thought Process

0	0	ı
-	0	0
0	0	0

iswater

1	1	O
0	1	1
1	2	2

height

Tways	
Stact	brom
- 710(+	0
water	Cells
=	0

DFSX

=>

BFS?

Multi-Source

BES from

0 1 2

is welfer $\begin{bmatrix} 0 & 0 & 1 & 0 \\ 1 & 0 & 0 & 1 \\ 1 & 0 & 0 & 1 \end{bmatrix}$ NaxHf = R (2,2)

Key points to notice in the Qn:-

- 1) Multiple starting points -> water cells with height 0.
- 2 (Jessignment needs to be done simultaneously from all sources.

Ask Joweself:

- Are there multiple storting points? (1)
- Does the problem involve propagiting 2 information (height, distance = +) to all other nodes?

is water =

0	0	١
0	٥	٥
-	0	٥