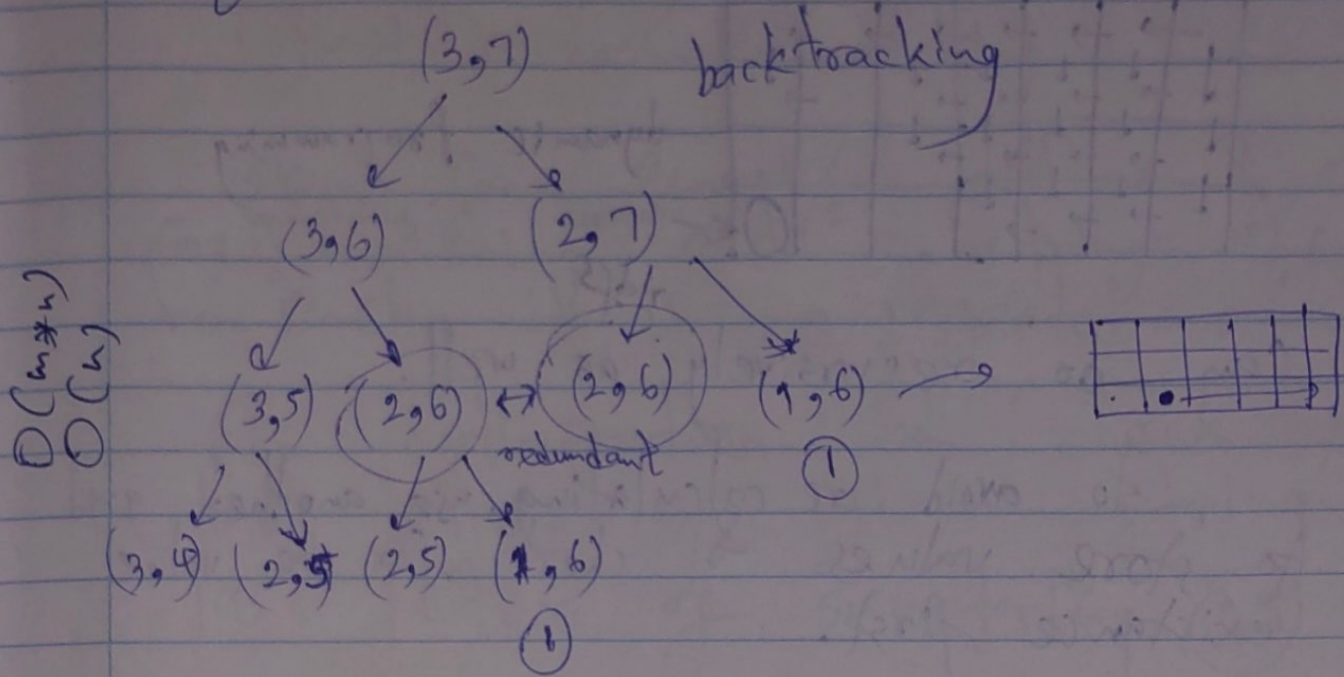


*Unique Paths



Keep checking for (1) & add 1 to current # of paths. (Not optimal)

Finish

1	2	3	4	5	6	7
1	3	6	10	15	21	28

Start

$O(m \times n)$ time

$O(m \times n)$ space

to ~~optimize~~ minimize memory usage can use only $\text{int}[]$. Then calculate, current val = current val + previous value.