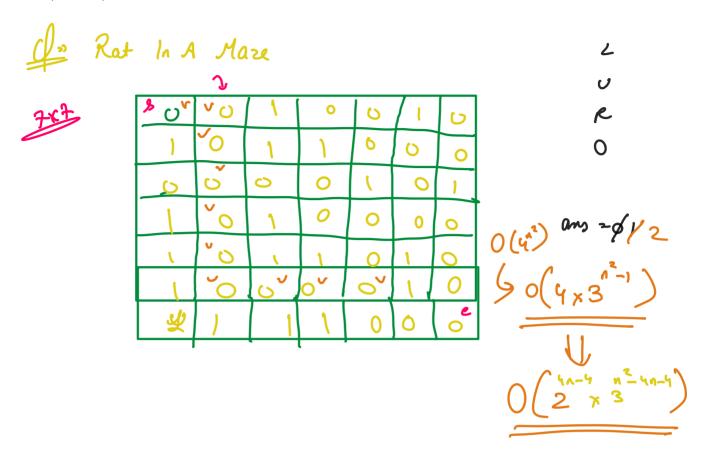
## Backtracking

Tuesday, 4 February 2020 1:30 PM



You will be guen a number "N". You need to fund the number of ways in which you can place "N" queens on a "NKN" chiso board such that no quee attacks the other.

|                |     |    |            |   | a desp           |
|----------------|-----|----|------------|---|------------------|
| >              |     | d  |            |   |                  |
| L <sub>3</sub> | 160 | 6) | _ 1        | S | 2 040 3          |
| <b>-</b>       | Q   | •  | •          | • | $S(n) = n^2 + m$ |
| ->             | 1)  | 1  | <u>Q</u> . | * | 0 (n2)           |
| ر              | ·   | -  |            |   |                  |

= V & (v-1) & (v-5) & 2 (v-2) = V & (v-1) & (v-3) & 2 (v-3)

