

if (queen- \in [row][col])
{
queen-
r ...
col \rightarrow 2

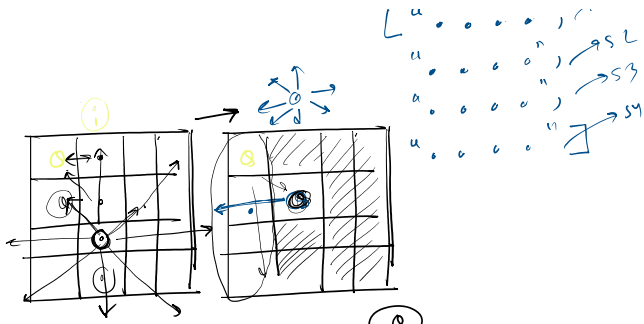
dummy 2d array
vector<string> new
find-ans
dfs()

• → empty
Q → queen

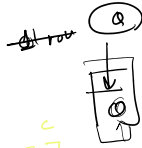
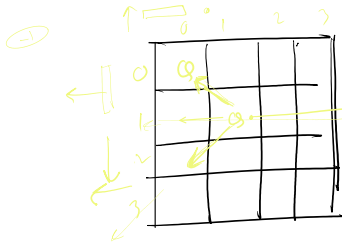
$[\begin{matrix} \bullet & \bullet & \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet & \bullet & \bullet \end{matrix}]$ → s1
→ s2
→ s3

vector<string> board(n);

$[\begin{matrix} u1 \\ u1 \\ u1 \\ u1 \end{matrix}]$



$\begin{bmatrix} u & & & & \\ & u & & & \\ & & u & & \\ & & & u & \\ & & & & u \end{bmatrix}$



$\begin{bmatrix} r & c \\ [i][c] \\ [0][0] \end{bmatrix}$

$\text{while}(r \geq 0 \text{ \& } c \leq n)$
 $\{ \text{if}(c \geq 0)$

$\{ r++$
 $c--$

$\text{while}(c \geq 0)$
 $\{ \text{if}(c \geq 0)$
 $\{ c--$

$\text{while}(r \geq 0 \text{ \& } c \geq 0)$
 $\{ \text{if}(board[r][c] \neq 'a')$
 $\{ \text{return false}$
 $\{ r--, c--$
 return false