<u>Ques</u>

	0	1	2	3
0	20	10	4	1
1	10	6	3	1
2	4	3	2	1
3	1	1	1	1

R
D

Paint all
maze path

$(1 + 2 + 3)$

D → P
D → H
D → J
P — 2 — B
H — 3 — B
J — 1 — B
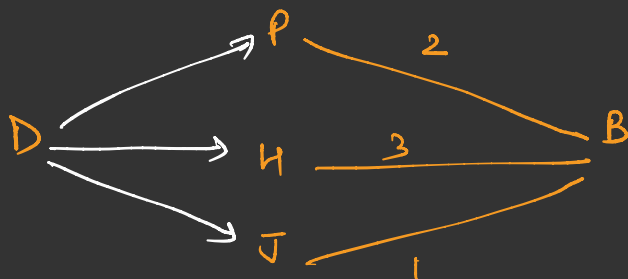
bsf

<u>Ques</u> Count Stair paths   1, 2, 3

n = 5
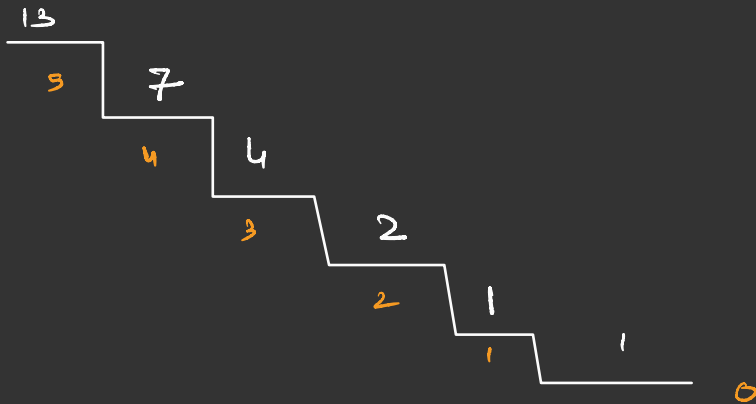
13
9   7
   4   4
      3   2
         2   1
            1   1
                  0

CSP(5)

a CSP (4) $\Rightarrow$ 7

b CSP (3) $\Rightarrow$ 4   return $a + b + c$

c CSP (2) $\Rightarrow$ 2

$\Rightarrow$ 13

Qns   N Queens

Vertically

Horizontly

Diagonaly

Expectation   Faith

NQ(arr , row)

, 0

Ques Max Candies

22

4	1	7	9	0
1	6	5	2	3

17

=> 26

R

D

MC(arr, r, c) {
  if (r == 1 && c == n-1) return arr[r][c]
  if (r > 1 || c >= n) return 0;

  a = MC(arr, r+1, c);
  b = MC(arr, r, c+1);

  return Math.max (a, b) + arr[r][c];

}