

$$f(i,j) \rightarrow denote the win sum point through which you can reach (i,j) from  $(0,0)$ 

$$= f(i,j) = f(i,j)$$

$$= f(i,j) = f(i,j-1)$$

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$$= f(i,j-1)$$$$

Rewreion
$$f(2,2)$$

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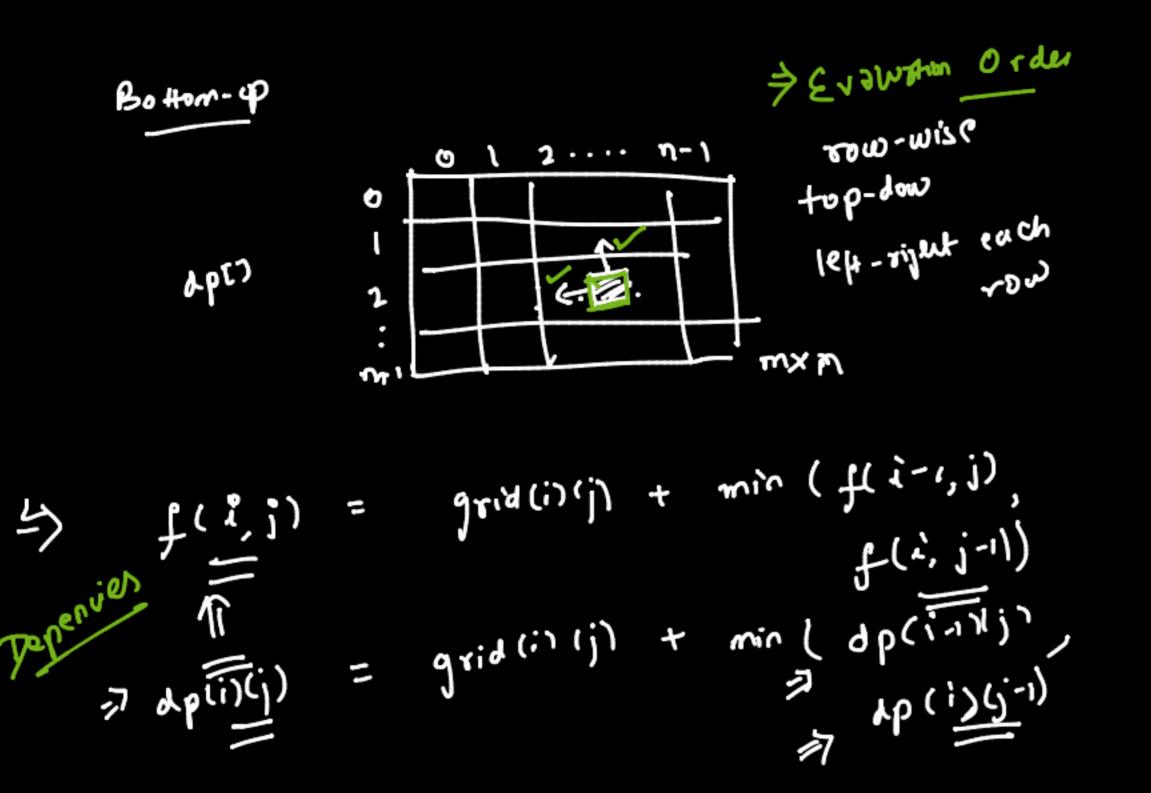
$$f(2,1)$$

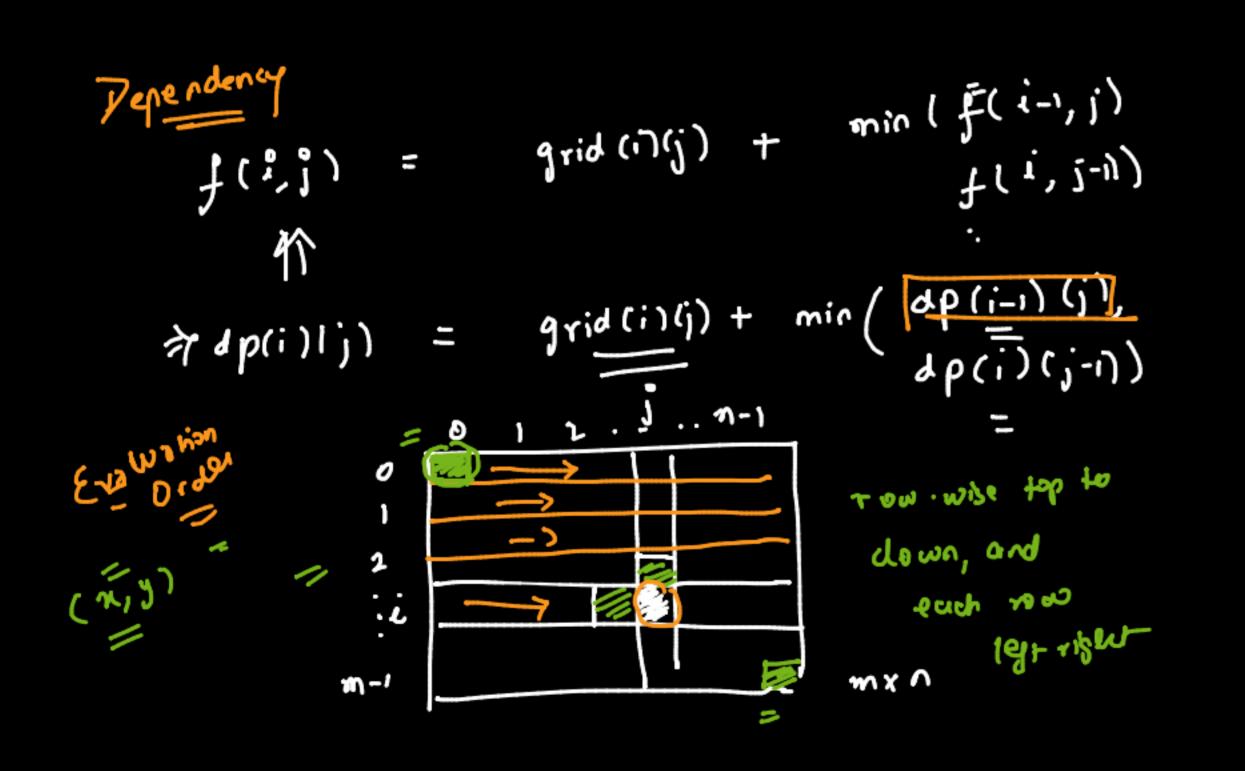
$$f(2,0)$$

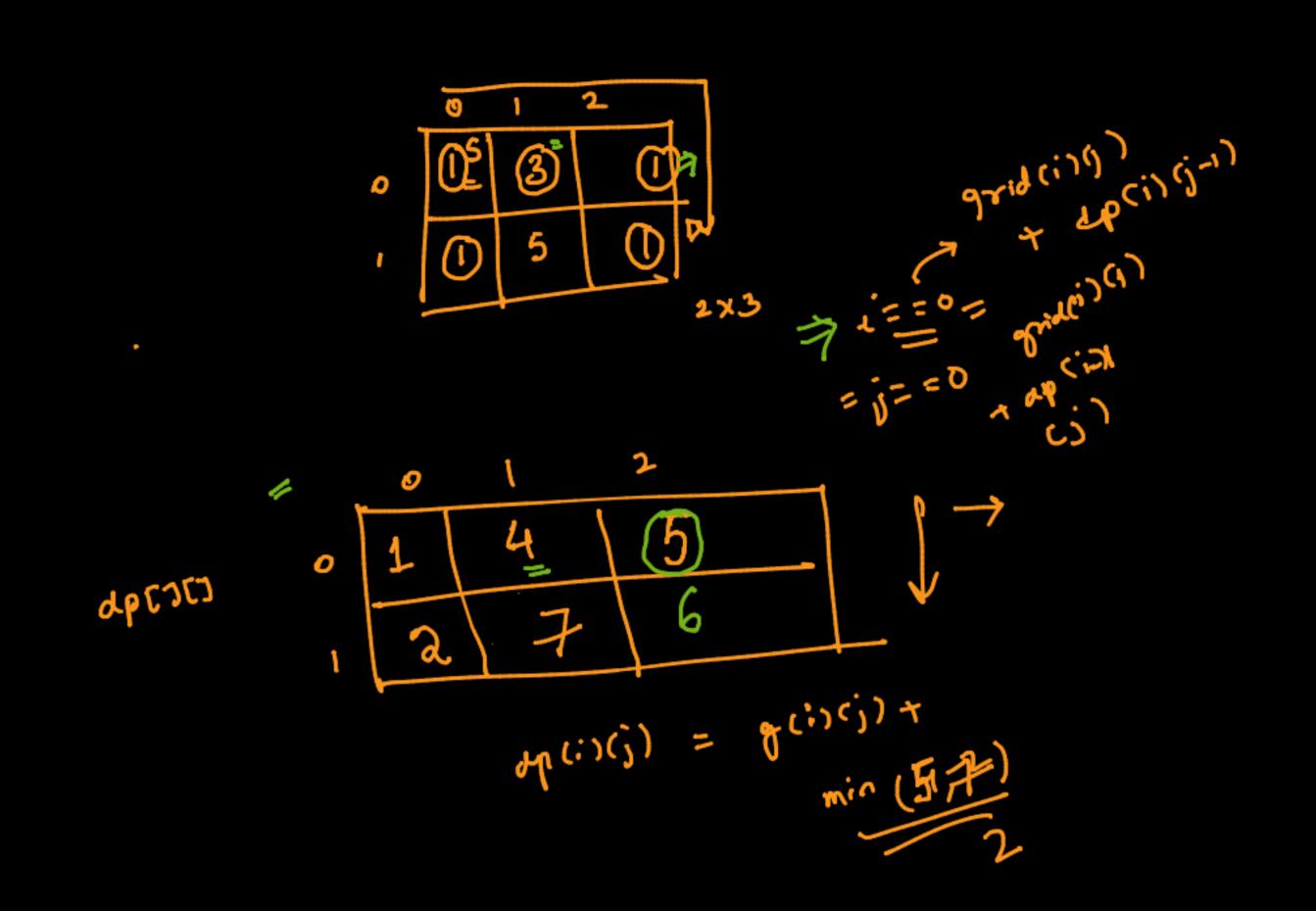
$$f(2,0)$$

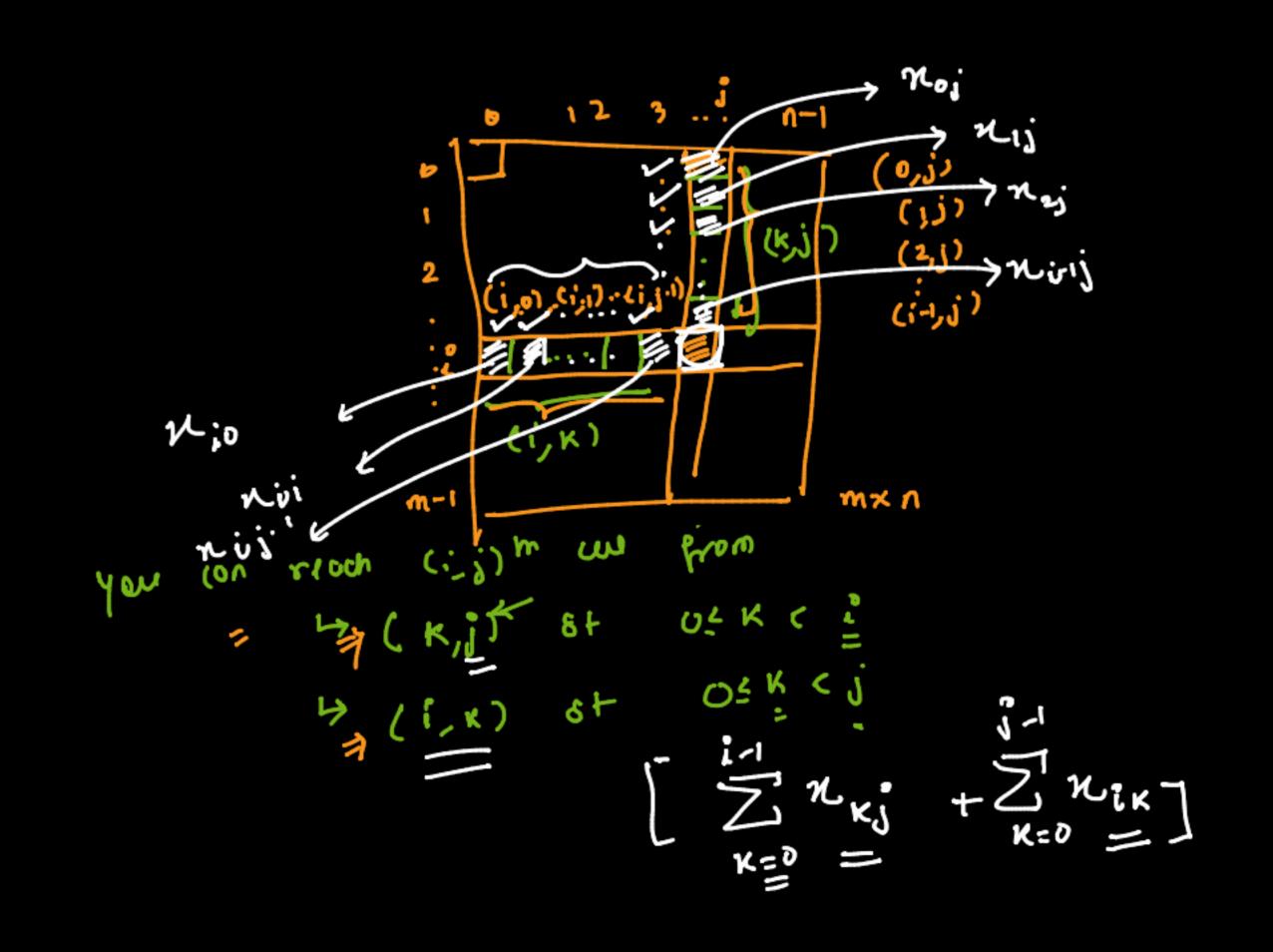
$$f(2,0)$$

$$f(2,0)$$



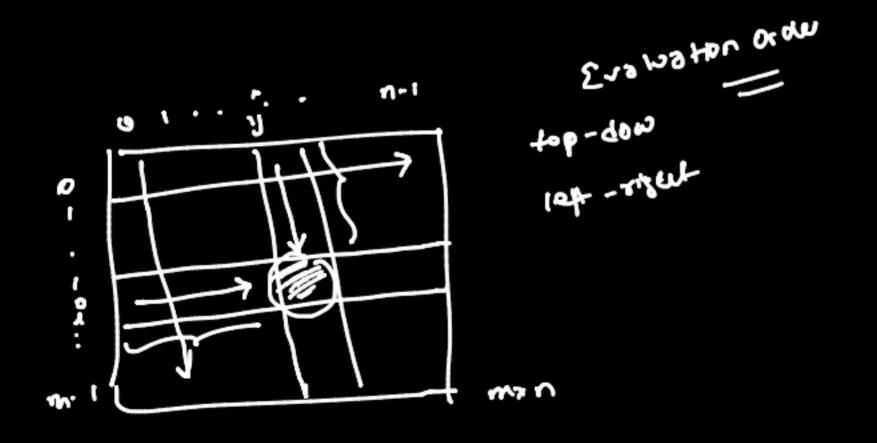


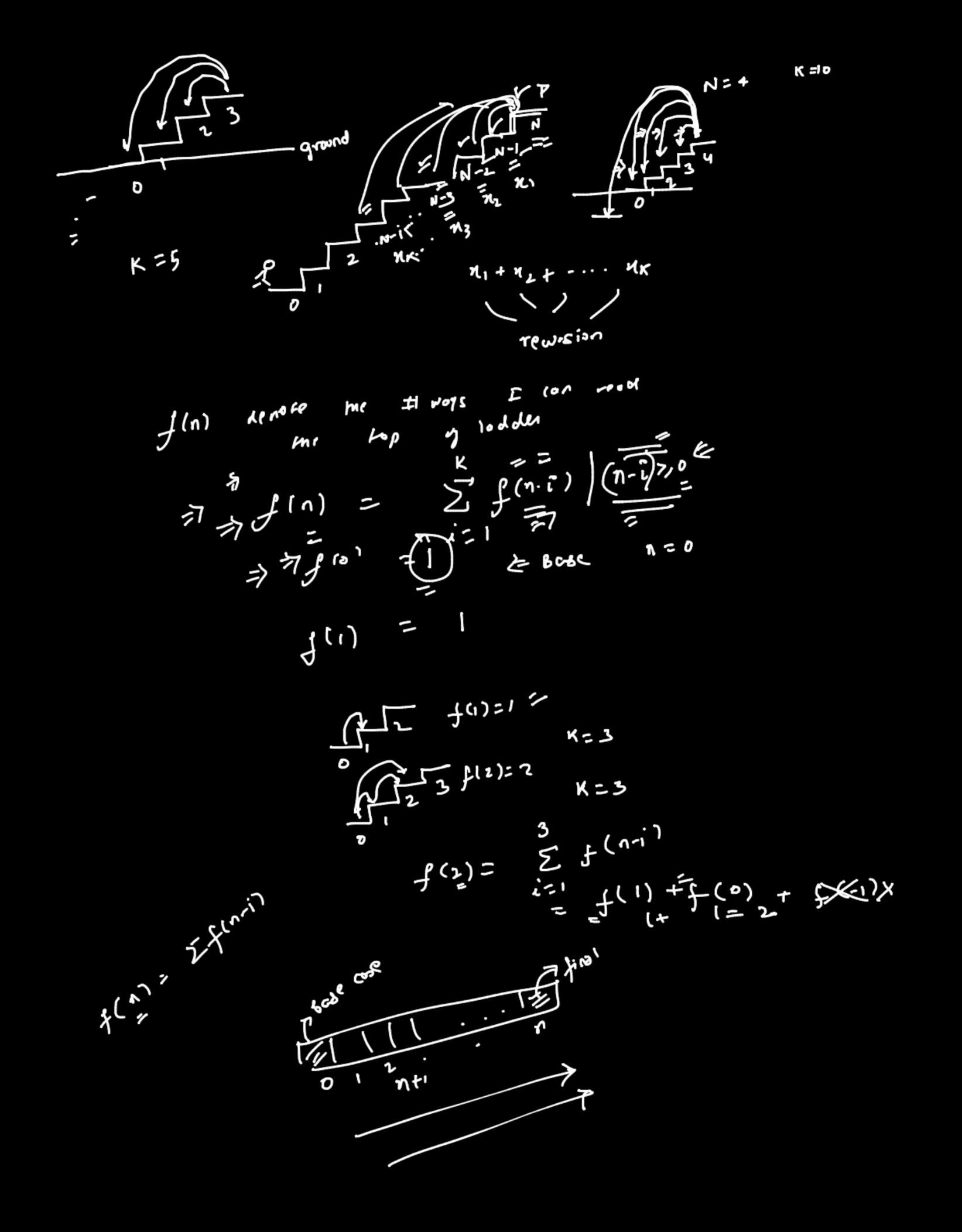




$$f(i,j) = \sum_{k=0}^{j-1} f(i,k) + \sum_{k=0}^{j-1} f(x,i)$$

$$f(0,0) = 1$$
 $i=0 \text{ ond } 0^{i=0}$ 





$$\frac{f(n) = \sum_{j=1}^{K} f(n-j)}{j-1}$$

$$\frac{dp[i]}{dp[i]} = \sum_{j=1}^{K} dp[i-j]$$

$$\frac{dp[i]}{dp[i-j]} + \frac{dp[i-j]}{dp[i-k+j]} + \dots + \frac{dp[i-k+j]}{dp[i-k+j]}$$

$$\frac{dp[i]}{dp[i+1]} = \frac{dp[i]}{dp[i-j]} + \frac{dp[i-k+j]}{dp[i-k+j]}$$

$$= \frac{dp[i]}{dp[i-j]} + \frac{dp[i-k+j]}{dp[i-k+j]}$$

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$$\frac{dp[i]}{dp[i-k+j]} = \frac{dp[i-k+j]}{dp[i-k+j]}$$

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