n=4) 1234

1-2-34

1_23_4

k=3

12-3-4

14-2-3

Total No. of le_size subset &

13-2-4

1-24-3

N= S

Total number of ways to portition the array in k - subsets.

M- 234 12 -35-7 12-3-47-3 12-3-45 1-23-47 83 13-2-47 23 1234,2 14-2-3/83 1-24-5723 1-2-37) ~ 3 1 3-142 f(n1, x1) 1-234-5 f(n-1,1c) 12 - 34 - 5 123-9-1 2-134-5 f(n, k) 23 -14-1 29 _[3 _ 5 |f(n,k) = k*f(n-1,k) +f(n+,k+) 3-142-5

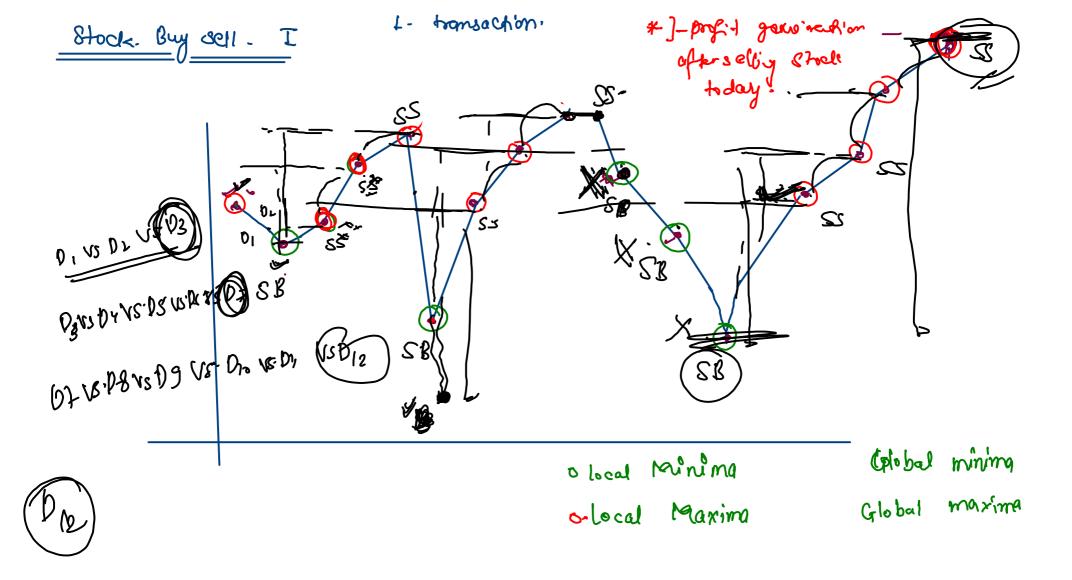
F(n,k) =
$$|k + f(n-1,k)| + f(n-1,k-1)$$

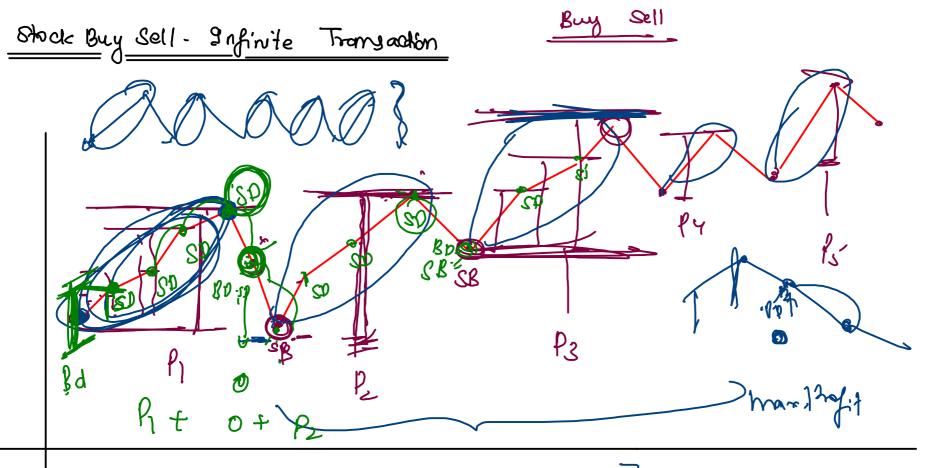
N=5, $|k - 3|$

Size of array

 $|k - 0| = 0$
 $|k - 0|$

$$f(4,2) = 2 + f(3,2) + f(3,1)$$
 $f(3,2) = 2 + f(2,2) + f(2,1)$





8B = i

greater than previous day] = stock sell Date update

Smaller than previous day) = add porfil from previous days

t suy today & updat

sall Date for today?

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ans = omax

Mar Possible legth of Sourcesting subseq which one ending of 60

Subsequence / Subset Subshing Sub array 'abc' 3 10, 20, 303 Substray () (10)

Subarray () (10)

b C Subarray () (10)

(20,30)

A order maintain (30) abs { 10, 20, 30} Non continues,] com * order maintein escip am # coup, uman. I count exp. to our Element Elevet bja Stardig 1 eyth