1 2 1 3 3 + 1 5 10 10 5 1 3 type of questions possible: -I Find the element in ith row and jth column 2) Print all the elements of nth oroco 3) Print Pascal's triangle till now. 1st question Formula = 1-1C) So, Bruteforce technique will take 0 (n!) time to find man (n-1) | or | $\frac{6}{2} = \frac{6 \times 5 \times 4 \times 3 \times 2}{2} \times 4!$ Always multiply like this. 2 6×5 × 4 × 3 4 × 3 × 2×11 Similarly, 503 = 5. x 4x3
3x2x1 So, MCn = nx(n-1)x(n-2)x---- n times nx (nn)x(n-2)x---- n times fun (n, o) ans=1 T=0(4) optimal for (i=0; i<0; i++) } ans = ams *(n-i)To find non ans = ans # (i+1);

2nd guestion Brute force approach , for (i=1; id=n; i++) {

print (fun(n-1,i-1)); $T = O(n) \cdot O(n)$ Optimal approach One thing we can observe is: for (int i=1; i <= n-2; i++) } ans = ans *(n-1); ans = ans /i ; T = O(n) = optimal

3 and guestion

Make Pascal Triangle:

Tow. (For row ranges from (1 to n)

T= O(n2) = optimal

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