## KONE

## Pascal Triangle

1 3 3 1 1 4 6 4 1 5 10 10 5 1 (1) Given Rfc refurn element at that Place 8=5 C=3 = 6

(2) Print any Nth now of PT

(3) Print entire PT . criven N N=6

(1) R-1 R=5 C=3  $C_2=\frac{4!}{2! \times 2!} = \frac{4 \times 3 \times 2 \times 1}{(2 \times 1)(2 \times 1)} = 6$ 

 $\frac{10}{3} = \frac{10 \times 9 \times 8}{3 \times 2 \times 1} = \frac{10 \times 9 \times 8}{1 \times 2} = \frac{24 \times 3}{2} = 6$ 

fonck (n,8)

} res = 1 for (i=o:icr;i+t) { res = res \* (n-i) 3 res= res/(i+1);

TC -> O(8) SC -> O(1)

(2) Print Nth 80W Briefe: As Nth now for (i=0;i<N;i++) Scoutce FINCE (N,i); } TC -> O(N\*8)

N=6 1 5 10 10 5 1 1 2 1×5 1×5×3 1×5×3×4

2 2×4 2×4×3 2×4×3×5 Print Row (n) { ans x (2000-601) ans=1 (CO) Print (ans) for (i=1; i(n; i++) Jan= an\* (n-i) (3) Print entire pr for ( 1 to N) } Print Row(n); }