$$C_{\eta} = C_{0}C_{\eta-1} + c_{1}C_{\eta-1} + c_{1}C_{\eta-1} + c_{2}C_{\eta-3} + - - + c_{1}C_{\eta-1}$$

Bare care

$$C_0 = C_1 = 1$$

$$c_2 = coc_1 + c_1 c_0$$

$$= 1*1 + 1 * 1$$

$$= 1+1 = 2$$

$$c_3 = c_0 c_2 + c_1 c_1 + c_2 c_0$$

$$= 1 * 2 + 1 * 1 + 2 * 1$$

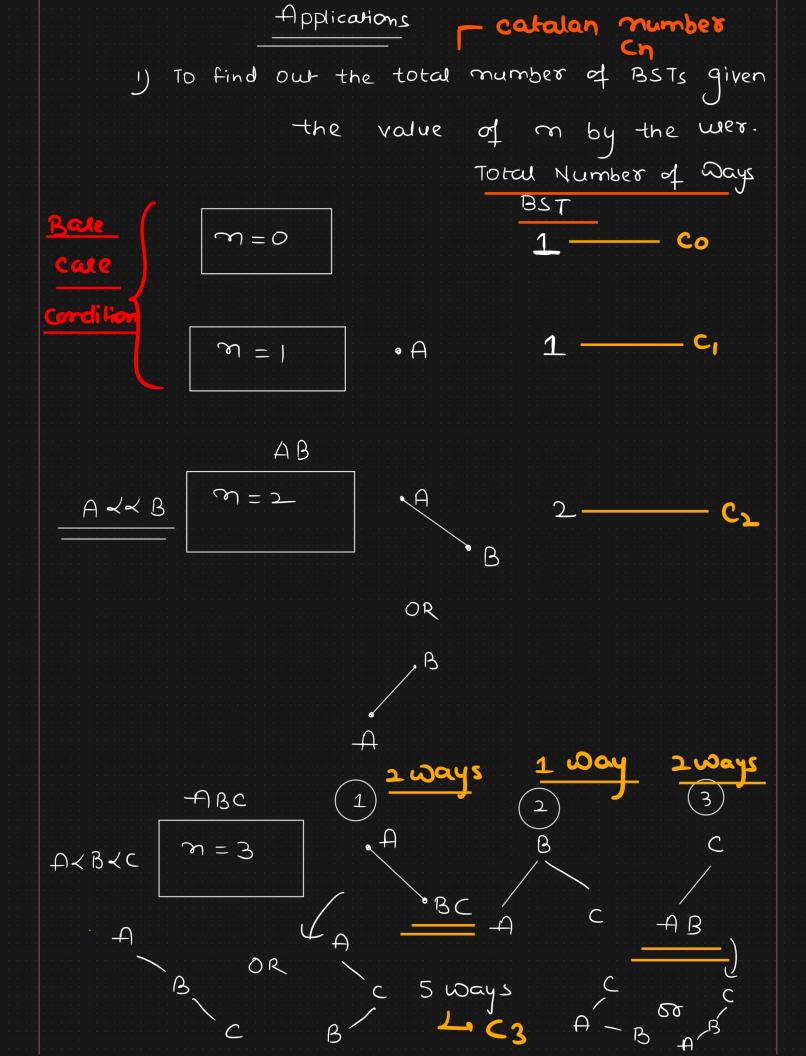
$$= 2 + 1 + 2 = 3$$

$$c_{4} = c_{0}c_{3} + c_{1}c_{2} + c_{2}c_{0}$$

$$= 1*s + 1*2 + 2*1 + 5*1$$

$$= 5 + 2 + 2 + 5$$

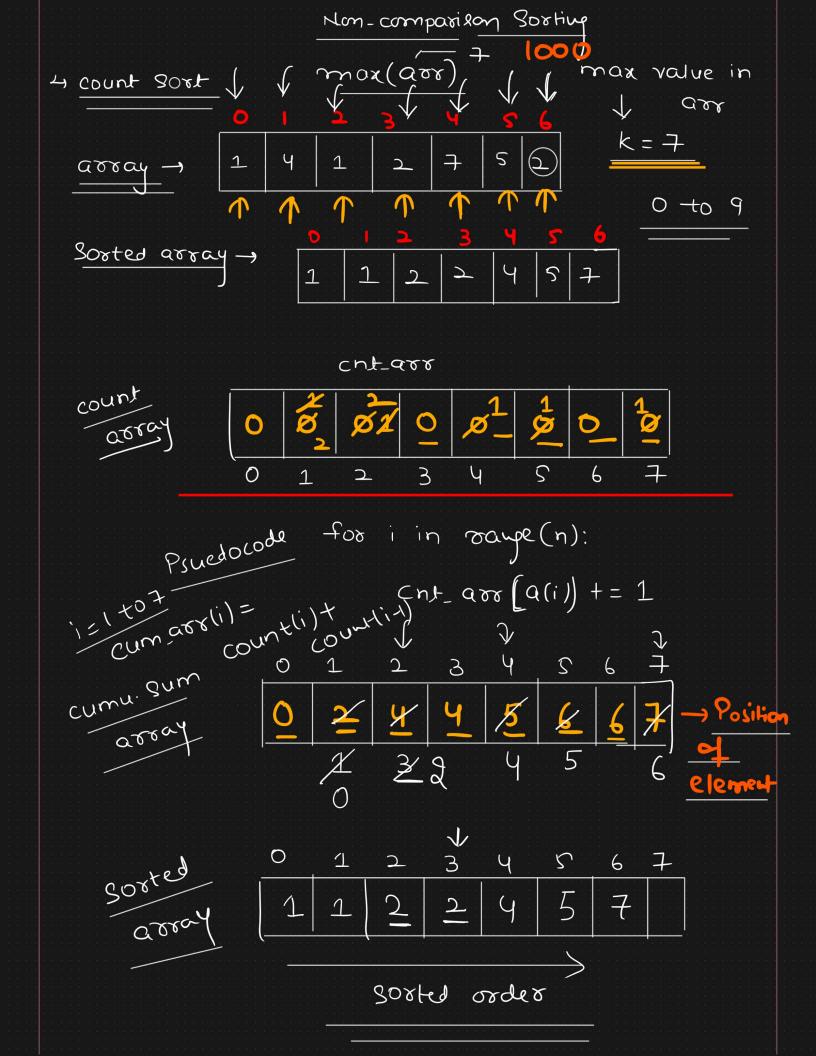
$$= 14$$



$$\gamma = 6$$

$$\downarrow \qquad \qquad + 8575 = 132$$

$$C_0 = C_1 = 1$$



for i in raws
$$(m-1,-1;-1)$$
:

Sorted_arr $[--cum-arr(a(i))] = a(i)$

Drawback

Drawback

Raye - max element value in

Qoray

Raye - smell saye

Count sort is preferrable

elements ~ max (arr(i))

L Count Rort

Rare in

Real Life

applications