



Sessonment (Recursion

$$T(n) = T(n-2) + c + c$$

$$T(n) = T(n-3) + c + c + c + c + 3$$

$$= T(n-1)+C$$

$$\tau(n-2) = \tau(n-2-1) + e$$
= $\tau(n-3) + c$

| K times

max=1 K=m-1

$$= 1 + c(n-1) + (1-2) + (2)$$

$$= 1 + ccn - 1)$$

Time complexity = 0 (n)

(b)
$$\tau(n) = 2\tau(\eta_{12}) + \eta_{12} - (1)$$
 $\tau(\eta_{12}) = 2\tau(\eta_{12}) + \eta_{12}$

Ktimes











