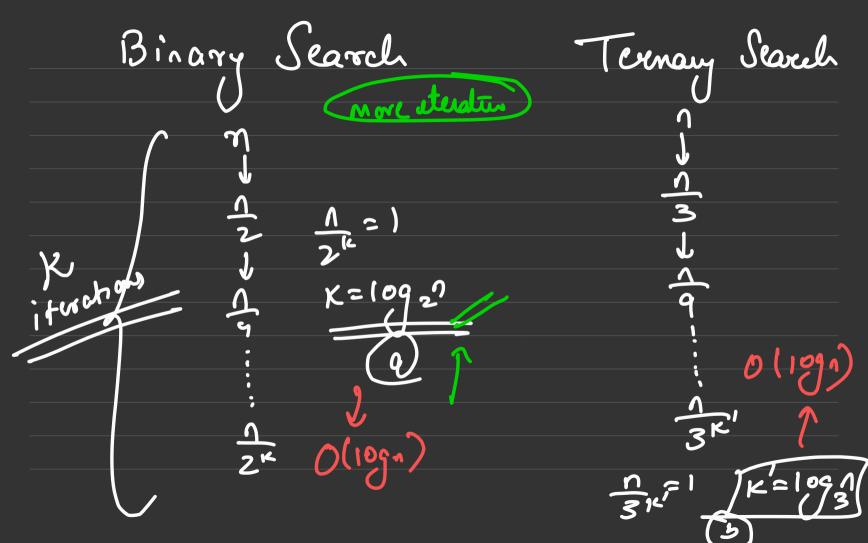
Tenany Search

Lineary Search
$$\rightarrow$$
 $T(n) = T(n-1) + 1xC$
 $T(n) = T(n-1) + 1xC$

$$T(n) = T\left(\frac{n}{3}\right) + 2xc + \frac{xunuv}{y + \frac{7\cdot s}{2}}$$



$$T(n) = T(\frac{\pi}{2}) + 1xc$$

$$T(n) = T(\frac{\pi}{3}) + 2c$$

$$T(\frac{\pi}{3}) = T(\frac{\pi}{3}) + 2c$$

$$T(\frac{\pi}{3}$$

compasison inworst actual no- of actual no of comparisons are greater in

Race tinu

$$f(T) = max (Pi(T)) - min(Pj(T))$$

P:(7)= S:x7 + D: Speed a > Speed B ummodal func? DA < DB 0B ह्र हुनेवर्ग

f(m

