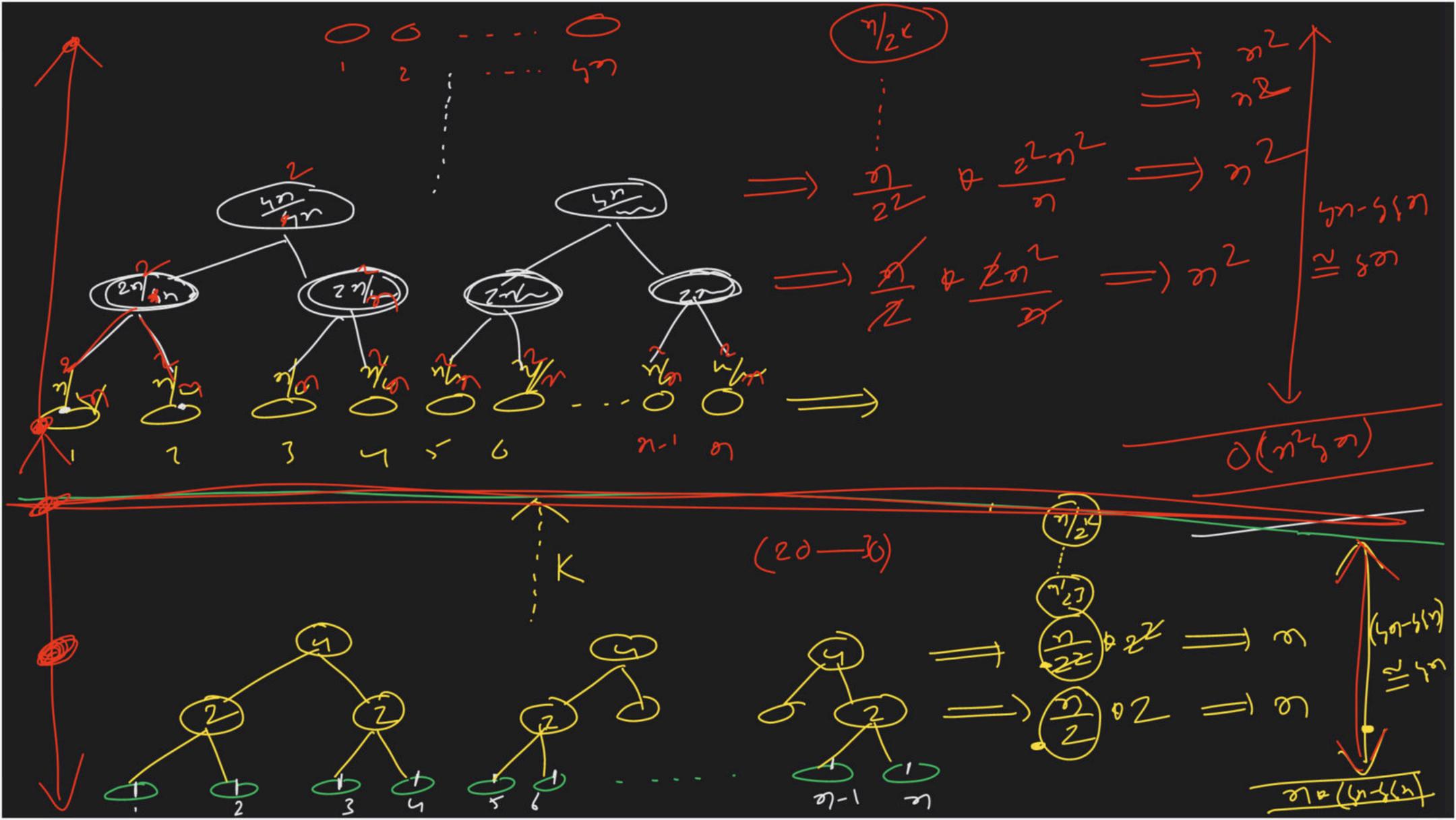


i/p: 80 - Sated Subarray each of sne 1 fgs olp: Find Sated Subarray each of sno 70 Tog (Bell Alpo, WC)

 $\frac{\sqrt{2}}{2^{k}} = 50$ $\sqrt{2^{k}} = 16 + 410$ $\sqrt{2^{k}} = 16 + 410$

10= 40-41



i/p = n - Solled Subarry each of the n^2 o/p = Find logn Solled Subarry each $o/p = \frac{n^2}{50}$

7

i/p: K- Sassed Subamy each of Size-m o/p: Find Sigle Susped array with M

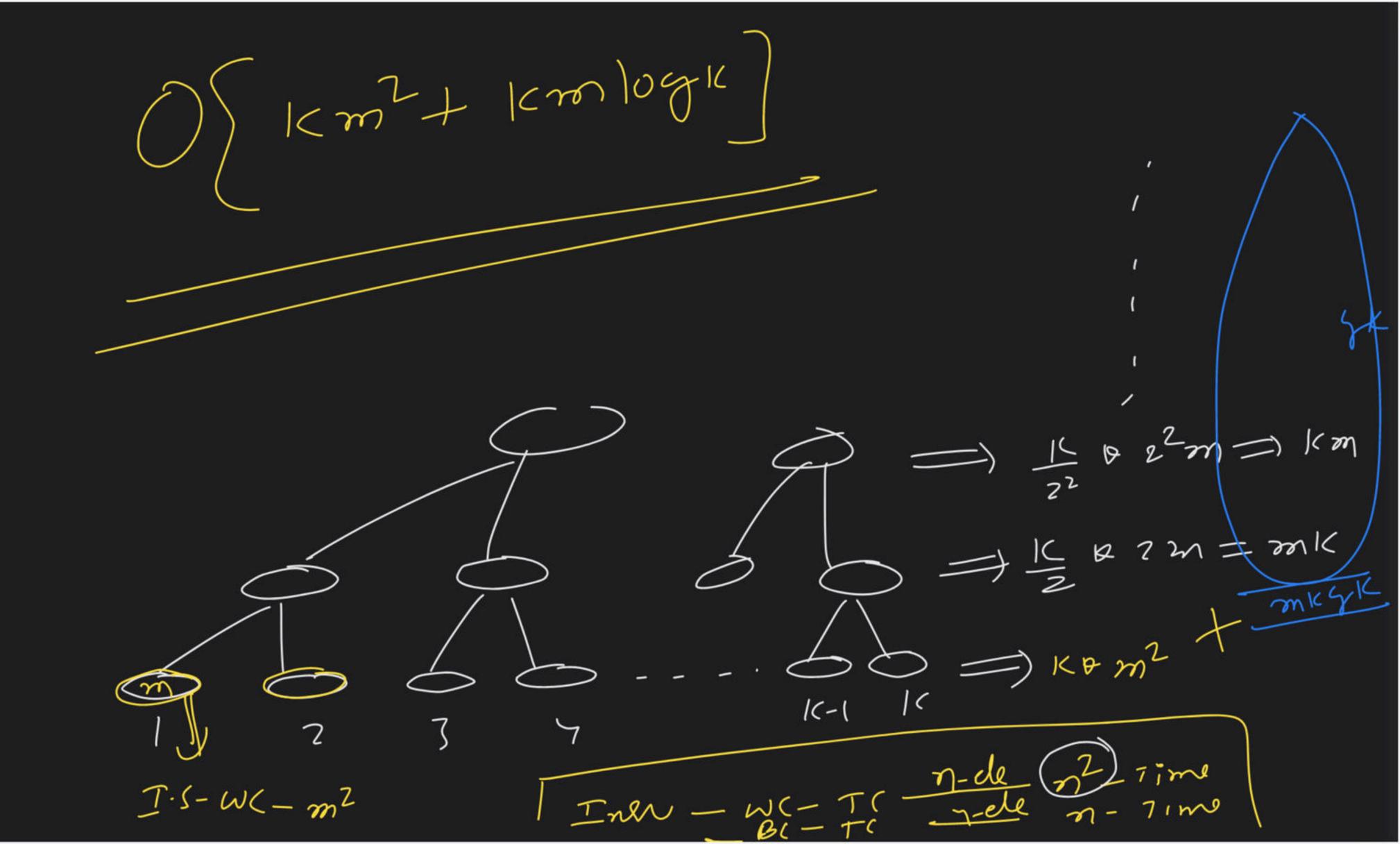
TC9

C Kmr logk

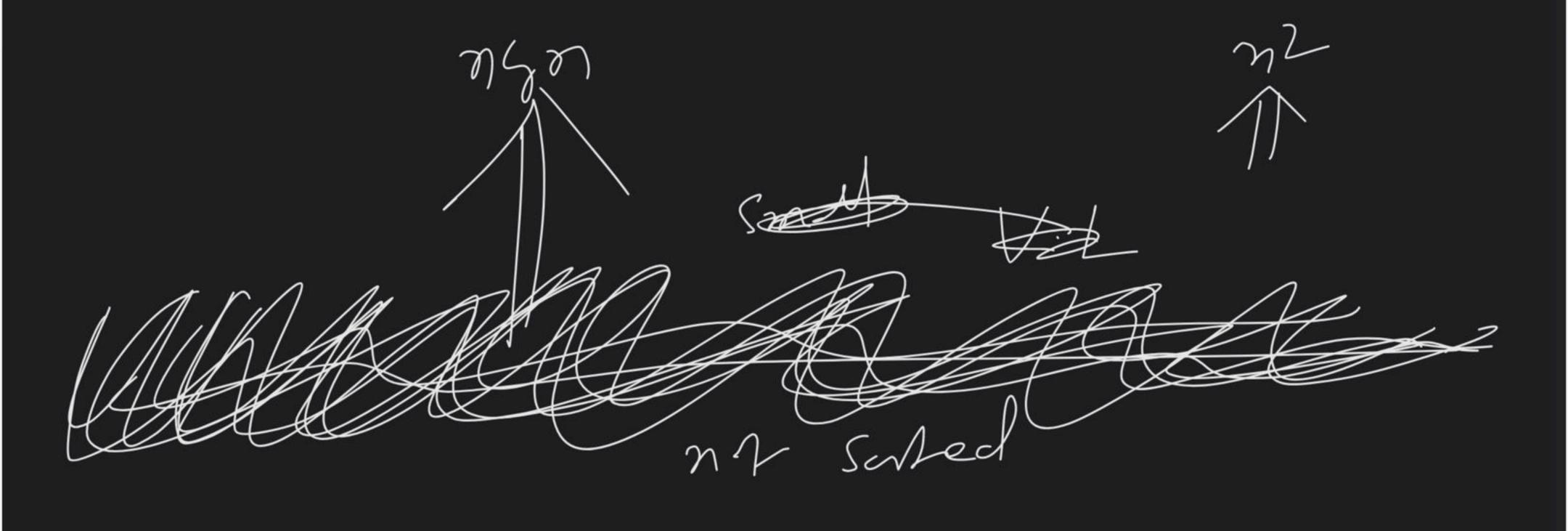
i/p:
Whe emp subant sorted inde my I.s

ofp: Find single sorted army

709



I menges at preferred it arrang is large 5mHV E. Smill sire arrand Salf Invertion sort proformed. InMyhim



Saly

magesal