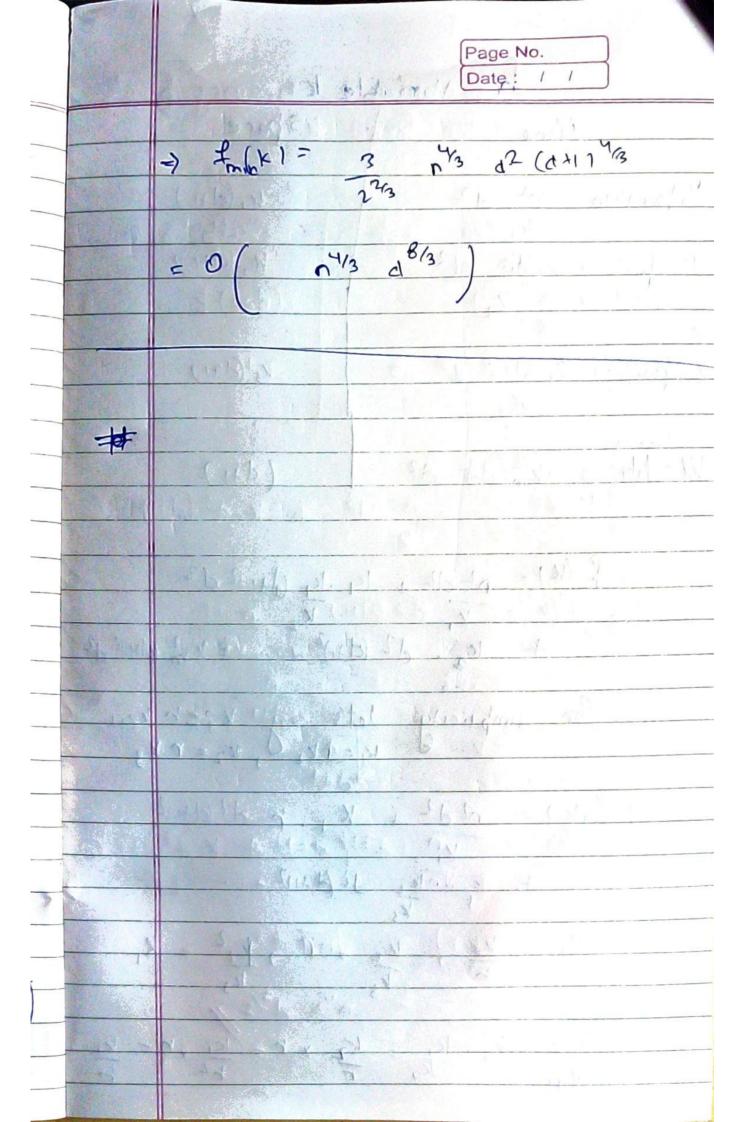
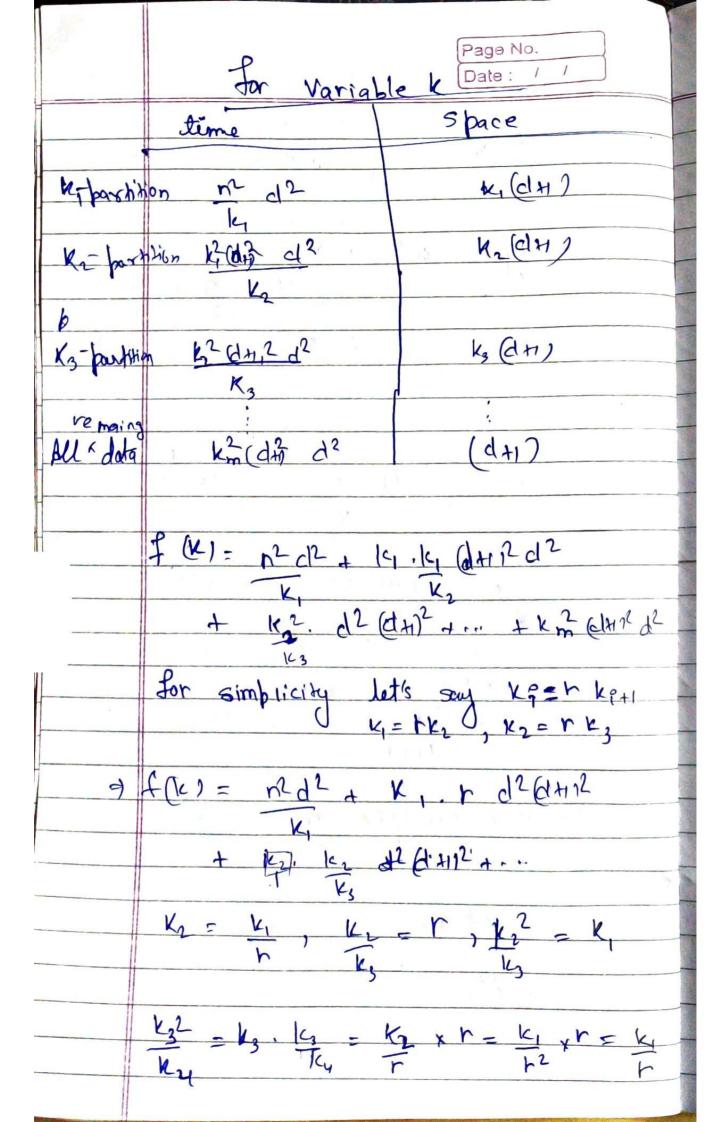
	k-partitio	
	for fi	Red K Date: 1 1
	time	acta Size
~		
R had	Hu n2 d2	K (d+1)
Participant in	$\frac{n^2}{k} \frac{d^2}{d^2}$	
Noday	my K2(d+112 d2	(d+1)
post	ny Redin a	
	4	
	of (4) 0 00 00 00 12 12	
	f (k) = 12 d2 + 12 d2	
	V V	
	21 12	
	f(K) = - n2d2 + 2K (HH 12 d2	
	K ²	
	£1(k1 20	
4,000	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
	W2	
MILY Y	$=) k = (n^2)^{\frac{1}{3}}$	
	(2 (17) 12)	
	Jm:n(k)= n2 d2 (2/3) (d21)/3	
	n'n'	
	1' n413 d2 (d+1)2	
	1' nuls d2 (d+1)2 22/3 (c)+1)1/3	
	J. Developed	
	= 2/14/3 d2 (dx) 2/3 + 14/3 d2(dh) 4/3 2/5 2/3 2/5	
	10 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
	205 26 23	
The same of the sa		





Page No. Date: / / 2012 + K, 02 61412 of fith = 3 (b) Get) $g'(k) = -n^2 d^2$ dx(d+12/2) (d+1/2 (n2) n (VF-1) r (dtl) = ~2 d2 p (d+1) + n d2(d+1) p (Vr-1)

K-partition + Streaming points for foxed K detime complenites Output Size K- partition (n) (d)3 (d+1) k All data (d+1) × × 3 (d+1) by & total time $f(k) = \frac{n}{4} (d^3 + k d^3 (d+1)$ $f'(k) = d^3 (d+1) - n d^3$ f'(k) = 0, \Rightarrow $k^2 = n$ $\frac{d(k)}{\sqrt{n}} = \frac{n(d^3)\sqrt{(d+1)} + \sqrt{d^3(d+1)}}{\sqrt{n}}$ o(f(k)) = \(\ind \tag{4}^3\) = n/2 d = /2