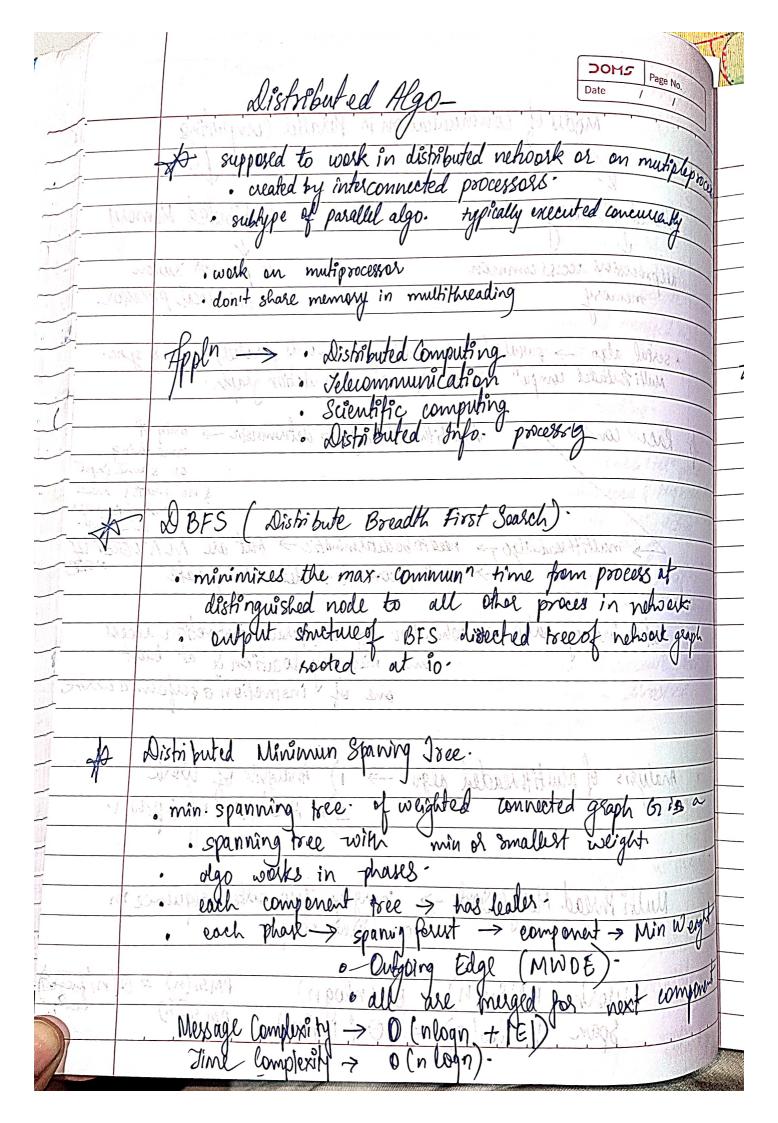


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	Modes of Communication in Parallel Computing.
110000	किर्युक्तात एक एक मावस्ता हा किर्माली हा किर्माण के मारहर्गित कि
	event the hat countered paragraph
	Shalld Memory Distributed Memory
	all process or access common Anisone all process runon
	memory probabilition in winter some this local processor
	· seréal algo -> parallel -> by adding keywords parallel, spawn & sync.
	Multi Kraded compu" > DAG > computation geaph.
	According Company
	lace cond's onullitheladedalgo > determinstic > only if
	on same input
	g no matter how instructions are
	Finance reservition and asign 1 CAD By schooling.
	multithreadedalgo need to be deterministic > but are NON DETEMI
	so as any confain > determinacy have
	alstinguished mode to all like proces in reporce
401.0	defuninancy rate - when two logically parallel instruction access
. ' \	same minory location & at least
	one of instruction of perform a write
-	
	the of the pulse Mannan Sterring Jaco.
· A	malyer's of Multithreaded algo -> 1) Analyer's of work
~ Q	2) Analysis of Span.
	Application to what will be adjusted
	- SHOW NI EXTER JOH
	Multi thread Merge Sout > merging two sorted sequence in
M Saike	med « lever us - Burg combined step - 1000.
V	- (JUMM) Dalid pridition (MM) 16)-
LOWAY NO	Work PMS1(N) = 0 (nlogn) PMS1(n) = 0(n/logn) Soan 12 MSno(n) = (9 (1003n) PM Sn(n)
	span PMSoo(n) = 0 (log3n) PM Sor(n)
	Jime Camplus > a (1) Copy)



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b	String Matching
	> vsedin text preprocessing > done in compilation of program. > finding one or more of occurrence in string -> pattern. > String matching -> pattern algo
	done in compilation of plagram.
	finding one or male of occurrence instring - pattolin-
	String matching -> pattern algo
YI_	Naive Algo.
4	straight forward approved
	· VSLS Brute Folce Approach: straight forward approach
	· checking all position in texts b/w 0 to m-m > whether occurrence state there or no.
	gfart fruit no.
	· cach attempt -> Shifts pattern by exactly one position to right match found returns.
	of part - marking process continues
	. If no match -> all text for given pattern -> n compatible
#	Rabin Karp Algorithm -
_//	
	· Uses sliding window to match puttern.
	, backing technique.
	· Uses sliding window to match puttern. · hashing technique. · enly if hash value of pattern-matches with hard value of current substring
	sulstring
	needs two things -> 1) Hash value of pattern 2) yearh value of all substrings of length on.
	2) yearh value of all substitutes of
	much with
	V