

	Combn reserve	Camlin Page No. Date
	feasible solution	12, 5, 8, 8,
100	An optimal solution is fearible	solution where
	the objective function reaches is	ts maximum
	on minimum value	O Dast
0 5	The objective fun is the weak v	
	whose value is to be maximize	d or minimized
	relative to a given set of t	reasible alternative
angr	le troi aptimal storage of on ph	Execusional (2
4)	How Greedy Strategy 9s used t	to store in programs
1	10 with positive lengths on m tag	
	netrieval time. Explain with exam	
-	Input: We are given 'n' problem	
	sbred on computer tape of lengt	IV L wid gre
	length of program i is Li	al for the m
	15 Output: A permutation for all	e storect en
	programs so that when they as tape in the order of MPT 9s m	inimized.
44.45		= AT
0) Make tapes empty	=. (0) T
	For 9=1 ton do	= (0)7
	i) Gras the next shortest path	
		Montester
	The Manual Control of	
	For Tapes. To, I, Tz. the progra	
, ,,	a to the top of the to	0

	Camlin Page No.
	12,5,8,32,7,5,18,26,4,3,11,10 and 6
\rightarrow	We organize programs en ascending order
0.00	3,4,5,6,7,8,9,10,11,12,18,26,32
50	Tape 0 ; 3, 6, 9, 12, 32
	Tape 2: 5,8,11,26
	relative to a given set of teasible a
5)	Pseudo code for optimal storage of n programs
wasbad	on m tapes
10	j=0 // tape number
- ad d	fon (i=1 to n) S
	print ("Program", "for tape", j)
	j= (j+1) mod m
	it ig to the rate waterburning A studios
200	Time complexity: The first program's length is added
	n time, second prog 'n-1' times and so on
	T(i) = n
	T(2) = n-1 : Time complexity
20	
	Londucion: T successfully understand and
	Conclusion: I successfully understood and implemented optimal storage on tapes problem
. s.A.n	using Greedy approach.

Scanned with CamScanner