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Water To Control (NY) 1 The Management of the Control of the Contr	subsequence (LCS) problem for two sequences, with the following recurrence
On an experimental and a second	5. (20%) We want to use dynamic programming to solve the longest common

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des problems seems — 0.0000000 cl. (cl. brook, meers) — personagement des particulars par	
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equation

$$c[i,j] = \begin{cases} 0 & \text{if } i = 0 \text{ or } j = 0, \\ c[i-1,j-1]+1 & \text{if } i,j > 0 \text{ and } x_i = y_j \\ \max(c[i,j-1], c[i-1,j]) & \text{if } i,j > 0 \text{ and } x_i \neq y_j \end{cases}$$

(a) Please use the recurrence equation to find an LCS for sequence "BCBDABA" and Y = "DCABB". ×

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- (b) What is your strategy if we have three sequences instead? Write down your strategy as detailed as possible. No example given is necessary.
- 6. the exactly identical result. Your answer should be as rigorous as possible. (10%) Explain when the depth-first search and breadth-first search will output

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erodinale observações describera men (m. et m. (n. et m. pen), a. es).		synchronous I/O? (276) (b) Which process state will a process be move to after it invokes a system call for asynchronous I/O? (504)	11 addition of the second
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	2.	Besides shared memory and message passing, pipe is another mechanisr operating systems for inter process communication within a computer.	
Programment in the state of the		any amages and ansary amages of pipe as compared With snared memory? (15%)	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN T
	'n	Which of the following components of program state are not shared across threads in a multithreaded process? (10%) (a) Register values (b) Global variables (c) Static Local variables (d) December (d) Processing (d)	The second secon
COMPANY AND		automatic) local variables.	Vincentino and an advance of special control of spe
The second secon	.4	The program segment below is an implementation of critical section with swap() instruction. Can each of the three requirements, mutual exclusion, progress, and, bounded waiting be satisfied? Show your answers If some of the requirements	
The second secon		Learner of Sanstied, ity to give your solutions. (15%)	and the control of th
PRODUCTION OF THE PARK OF THE		<pre>key = TRUE; while (key == TRUE)</pre>	
		// Critical section	
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CONTRACTOR OF THE CONTRACTOR AND THE CONTRACTOR OF THE CONTRACTOR	gathering data are also included) (10%) (a) FCFS (b) SSTF (c) SCAN (d) C-SCAN (e) LOOK	
is /Whitecontrol/proposition and came and came	requests for the following disk scheduling algorithms? (Please note that the head movements without	
	order: 88, 123, 94, 44, 102. What is the total number of head movements needed to satisfy these five	фолотого на населения на применения на применения на применения на применения на применения на применения на п
	 Suppose the head of a moving-head disk with 200 tracks, numbered 0 to 199, is currently serving a request at track 100 and just finished a request track 110. The queue of the requests is kept in the FIFO 	and the control department of the control of the co
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	(b) Thrashing	er valet promite malike soon oppression soons.
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	free block can save four block numbers and one link) (d) Counting	
The second secon	(a) Bit vector (b) Linked list (please link by the order of block number) (c) Grouping (assuming one	Wild to the state of the state
And the state of t		outmoore that of BUTA - SUSSIENTS
MAAAAAAAAAAA	6. The following figure shows the current status of a disk. Please using following method to present the	
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per litt. Mysessiconneconnection and personal	takes 20 nanoseconds, determine the effective access time for a 90% hit ratio and 10% page fault ratio.	NAVADERIA (MANAGEMENT ALLEY) A MANAGEMENT AND ASSOCIATION ASSOCIAT
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