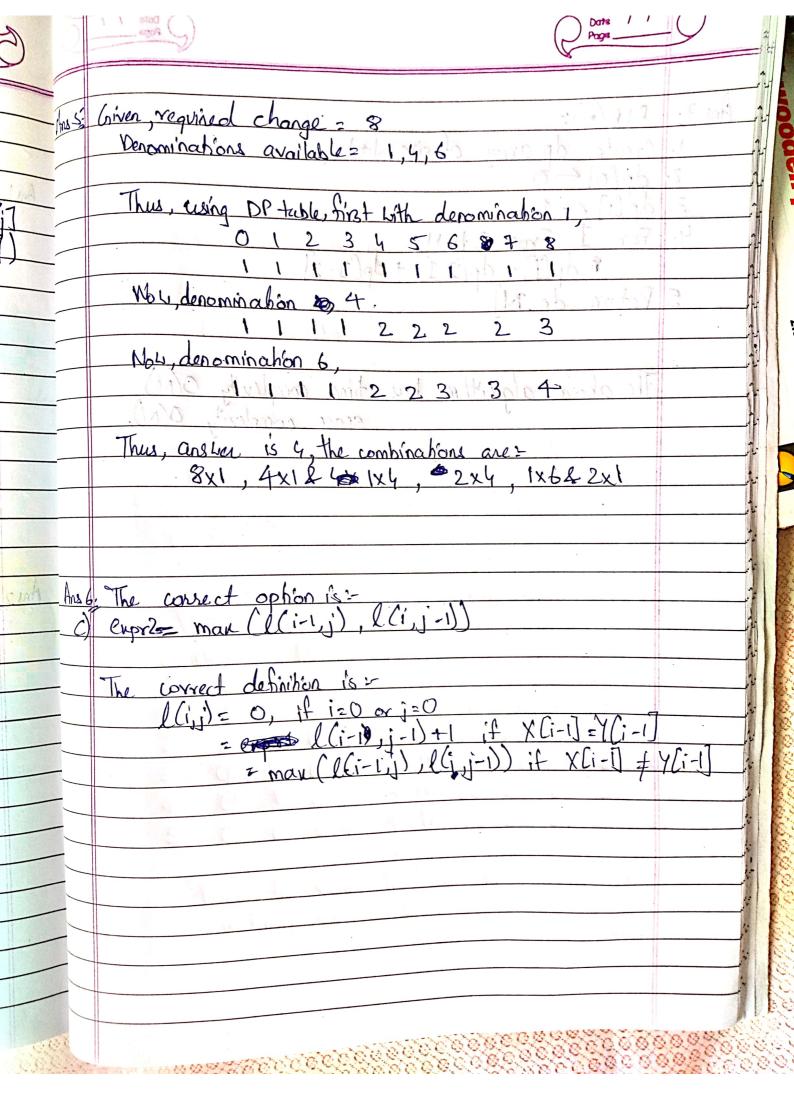


4	- Mary Grand Control of the Control
Ams 3:	Given.
	S1: abbacdcba
	52: bedbeaac
4	dp [i] 4] = dp [i-1] (i-1) 1 - 101, 3[ (i-1) 2]
	Constructing a DP table, Lanax (apli-11/11, aplily)
	1 2 3 4 5 6 + 8 1
	101111111
	201112222
_	3 0 1 1 1 2 3 3 3 3
	4 0 1 1 1 2 3 3 4 4
	5 0 1 1 1 2 3 3 4 4
	601112344
	7 01 1 1 2 3 4 4 5
	8 0111 23 4 45
	9 011123445
	As seen from the table,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	the longest comes all so
	the longest common subsequence is 5, bcdba
Ans 4	Given, P= 1,0,0,1,0,1,1,0,1
	9=0,1,1,0
-	123456789101112
	01 1 1 1 1 1 1 1 1 1
	20112222222
	9 0112 2 3 3 3 3 3 3 3
9	1 2 3 4 5 6 7 8 9 10 11 12 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2	Heave the land
1	length of that is a subsequence has
	Hence, the longest common subsequence has length 4, that is, 0110.



6	Date Coate
A017.	FIB(N):
. \.	FIB(N): Create dp army of size N+1
2.	dp[0] < 0
3.	do (1) e 1 do som had to som had
4.	For I From 2 to N,
	For I From 2 to N.  Paper de [I-1] + de [I-2]  Return de [N]
5.	Return de [N]
	2 2 2 2 2 3
_	A oddo sima nh add tielle
	The above algorithm has time complexity O(N) space complexity O(N).
	space complexity O(N).
	Tree protest and Mark St. 179 (1) Inthest and
	105 201 , AVI 2 60 WIL 624 106 201
	Miller Consect applied to the Miller
	Copiler was ( ( i - 1 , j
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