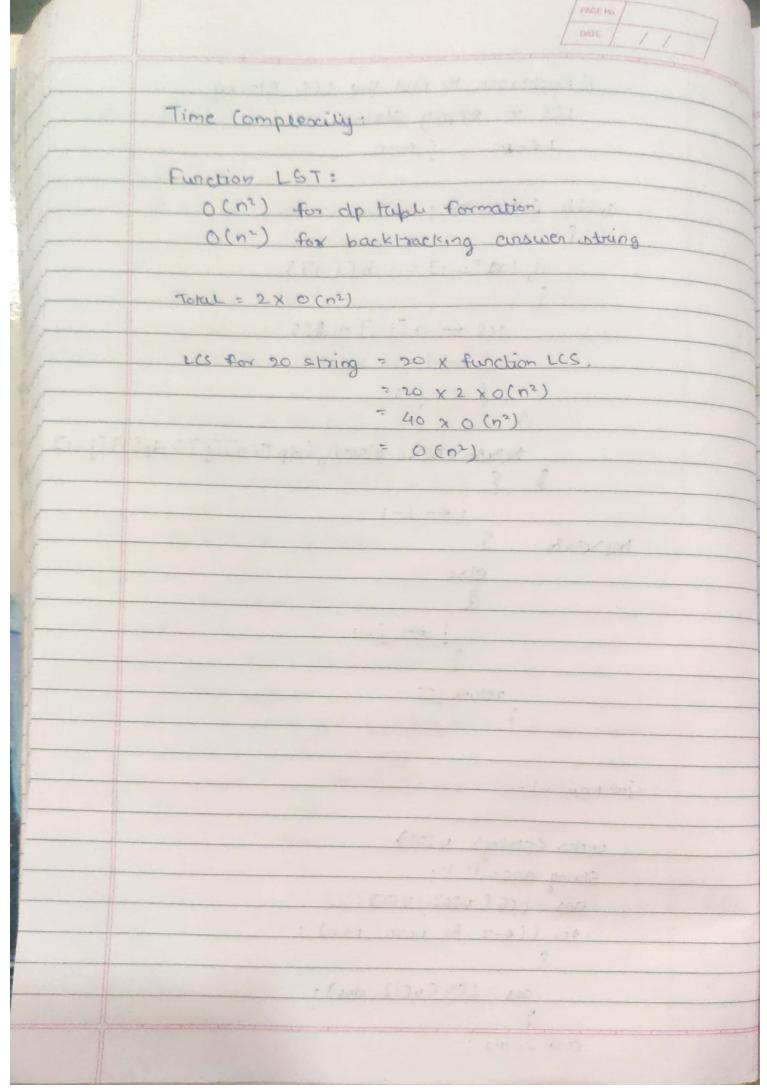
		PAGE No.
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		my de militaria
-	Largest common Subsequence.	-
	The state of the s	
and the same of th	Algorithm:	
	11 Input: Grades ab 20 student	in format of
	string.	to lector
		1,000 01
	Function LCS C string a, string	
	m - length of string a	
	n < length at string b	
	3	
	11 meate a 20 array dp of size	(n+1)
	a(n+1), intialize to 0.	20100 400° R
	int dp(m+1)[n+1] = {0}	
	segres) sear happed	
	1) fill the dp table	1-0
	2/01	
	for (i from 1 to m)	xing
	10 { CPUE	mant-l
	for (j from 1 ton)	37.3
	barrenge has agen a cords	Jack .
	ib (ari-1] = brj-1])	Il char match
	1111 04 100	Company is
	dp [i][j] < dp	1+ [1-1][1-1]
	3	
	Clse	The second
	- Y	- AND
	dp[i][j] + max (dp	[i-i][i] (Day [i][i-i]
		49)
TOTAL DE	THE RESERVE TO PARTY OF THE PAR	

```
Il Backtrack to Flod the LCS string
      LCS & empty string
   While (120 88 j 20)
        ([-1]d == [-1]a) di
           1CS + ali-1] + ACS
         Departures elseif (dp[i-i][j]>dp[i][j-i]
My wais
            else
           return LCS
int main ():
  vector (string) v (20)
   String ans = (1 11.
   ans = LCS ( VEOJ. VEIJ)
    for (i←2 to i<20 i++):
        ans = LCS (VEI), ans).
    cout << ans;
```



*	Algorithm (Matrix Multiplication)	
	1/input: Dimension of Array.	
	Matrixmul (vector (int) and)	
	n ← ascrisige(); dp Enxn] = 0 // IliniHalize dp.	
	for (int $i=2 \rightarrow i=n-1$) { for (int $j=0 \rightarrow j=n-i-1$) {	
	int K = 1+j; dp [j][K] = JNT_Max;	
	For (int $x=j+1 \rightarrow x=k-1$) { $cost = dp Lj J[x] + dp[x][k] + cnx[j].$	
	aprix] and (dijick], cost)	
	3	
	return de [0][n-1];	