Midferm 2 524

ł		1	1	1			1.	
	j	-	10	0	1	0	11	Recurrence of Longest Common
	i	0	1	2	3	4	9	Subsequence:
	- 0	0	0	0	0	0	0	
	c 1	0	10	- 1	1	ı	1	(0 if i=0 orj=0
	12	0	1	1	0	-2	2	[[isi]={c[i-1][i-1]+1 if isi >0 and x = y;
	e }	0	1	1	2+	2	2	c[isj]={c[i-17[j-1]+1 if isj >0 ord x_= 1; max(c[i,j-1],c[i-1,j] if isj >0 ord
	94	0	1	14	2+	2	2	×; ≠ y;
	15	0	1	1	2	2	3	

Steps

- 1.) The first step we would do now be to compare 3 at C[5,5] since x and y are equal to each other we know that this value come from c[4,4]
- 2.) The mext step we would be would be to determine where C[Y,Y] come from so we need compare X_Y and Y_Y and we lessen these values do not equal, we know this comes from the max of C[Y,Y], C[X,Y] which 2 respectively, so we know that we can C[Y,Y] from either at these values.
- 3.) The next step me need do hald be to determine where c[4,3] and c[3,4] came from, we need compere xy and y3 for c[4,3] and we see they're not equal to each other, thus c[4,7] come from the mor of c[4,2] and c[3,3] and the may will be 2 which is c[3,3], for c[3,4] we will compare the reshus of x, and yy which are not equal we see that c[3,4] core from the mayo, of c[3,3] and c[2,4] which is 2. There are the same values so there rules can come from either position.