Longest Common Subsequence En my=abed > 24 subsequences ab, bd, &, ae, ad, db, bd, acd (bed) abed Wy 2 bed 23 subrequency 2 s, be, bd, bcd (bed) Xoabaaba Yobab bab 0 1 2 2 2 3 3 53 3

> (i) Lbaba longest common subrectuere.

(ii) [abab]

if (a[i]==y[j]), c[i][j]=1+c[i-1][j-1] ebe c[i][j]=max(c[i][j-i],c[i-i][j])

dength of the common subsequence will be 1.