Lecture 3 CUT-ROD (p,n) if n == 0 return o 9 = - 00 for i=1 to n 9 = max { 9, p[i] + CUT-ROD (p, n-i) - c } return q 2. LCS (X, Y, m, n) for i = 1 to m c[i, 0] = " " for j = 0 to n c[0, j] = " " for i = 1 to m for j = 1 to n if x :== yjc[i,j] = c[i-1,j-1] + xi else if len(c[i-1,j]) > len(c[i,j-1]) c[i,j] = c[i-1,j] + xi else c[i,j] = c[i,j-1] + yi refurn c[min]. and len (c[min])

