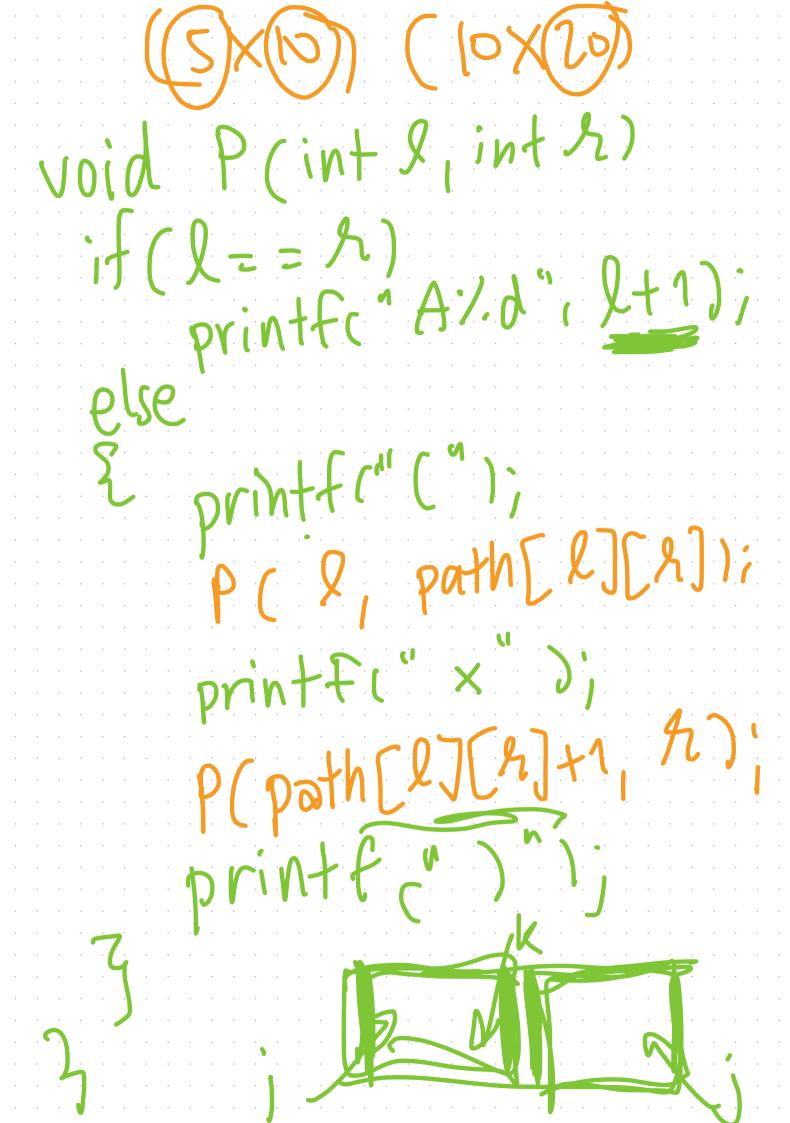
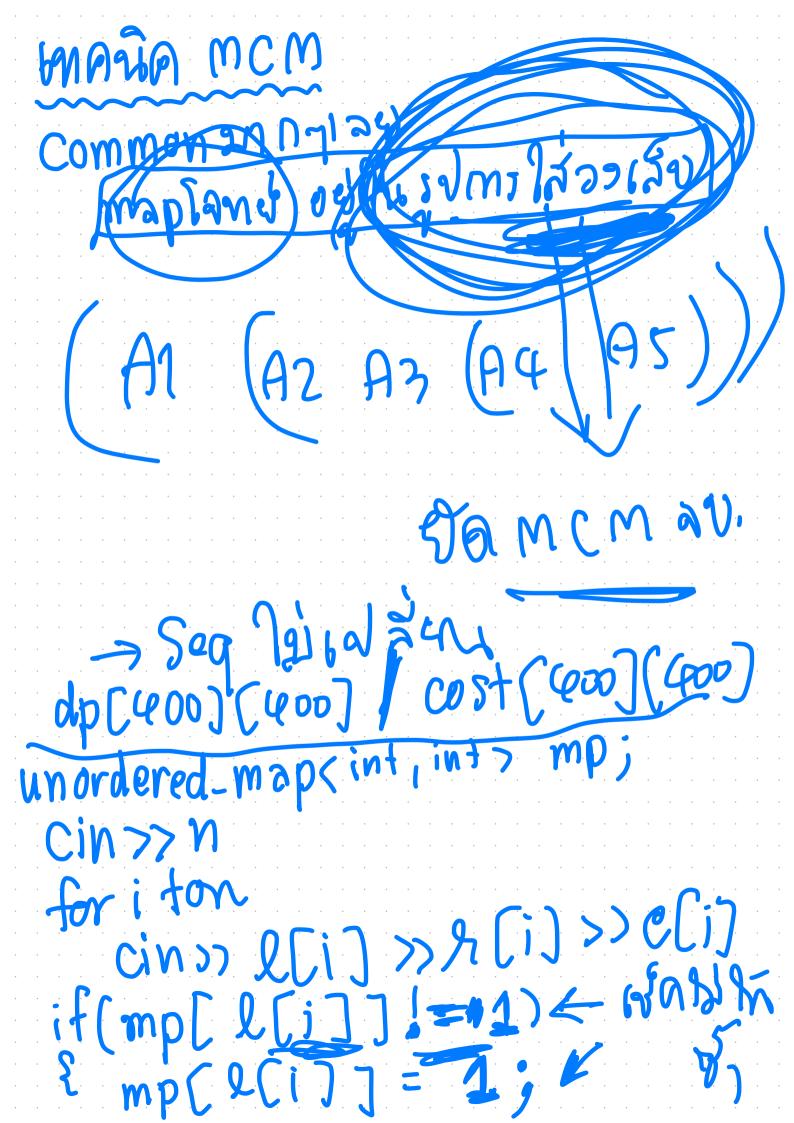


Matrix Chain Multiplication [A1((A2 A3) A4)) A5) -> Top-down JJJ -> Bottom-up ###
int row [20], col (20), dp[20][20]; path[20][20], n; manh () cin >> n for (ivo ton) ein mor vou [i] m col[i] for (m > 1; m < n; m++) 2969900 for (izo; i<n-m; i+1) ansa j=i+m; jaoga av $dpCiJCjJ = \infty$

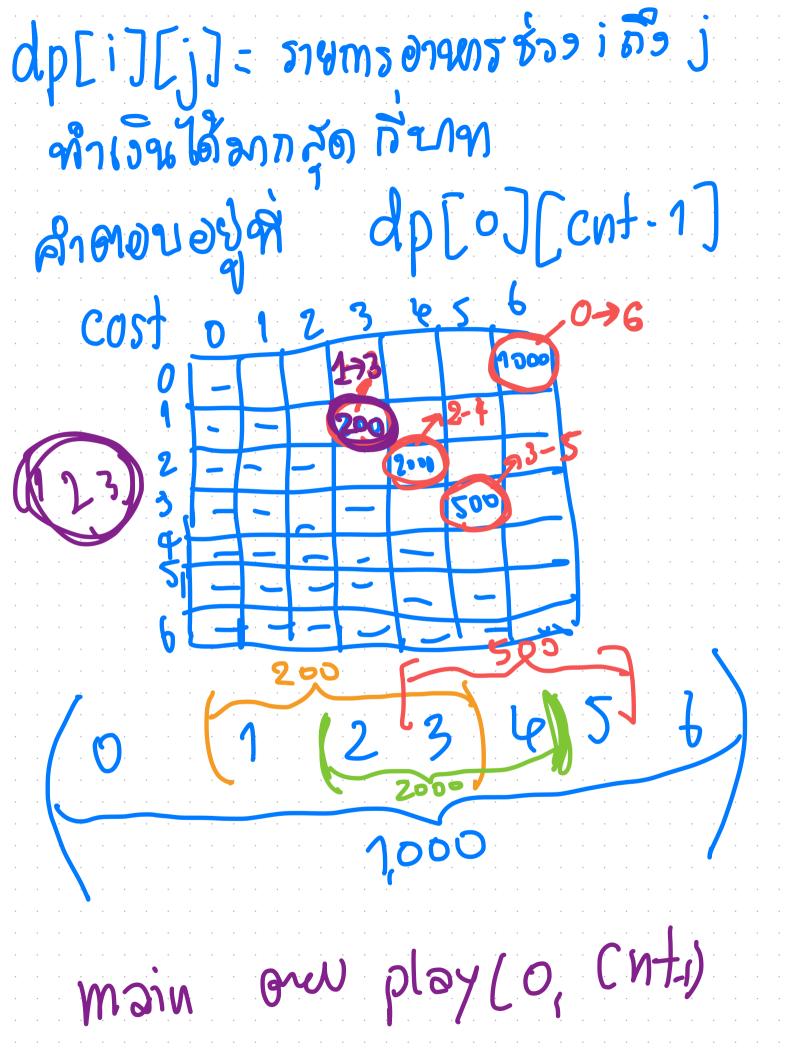
forckzijkcjjktt) kango now=dp[i][h]+dp[k+i][j]
row[i]* col[h] * col[j]; if (now < dp[i][j]) aplijlj? now
pathlijljj cout << aproj (n-1) COLCIN = 1701 [41]





g. push bach (lCi); if (mp[ACi]]! >1) mp[%[i]]z1i
qpush-back(%[i]) Sort (q. begin(), q. emn()); for cauto x ight in mp[x] = cn+t+i for (izo; i<n; 1++) cost[mp[lci]][mp[sci]] 12 73

70/10001 27 (3) 200 (2) A/6/N 3727272000 33975 500 and the state of t compress by 2 4 2000 10 st (400) (400)



return dp[l][x]= cosi[x][v]

for (k=l+1; k<=x-1; k++)

mx = max(mxgplay(l,k)+play(k,1,x));

return dp[l][x]=mx+cost[l][x]

(1 & 9

