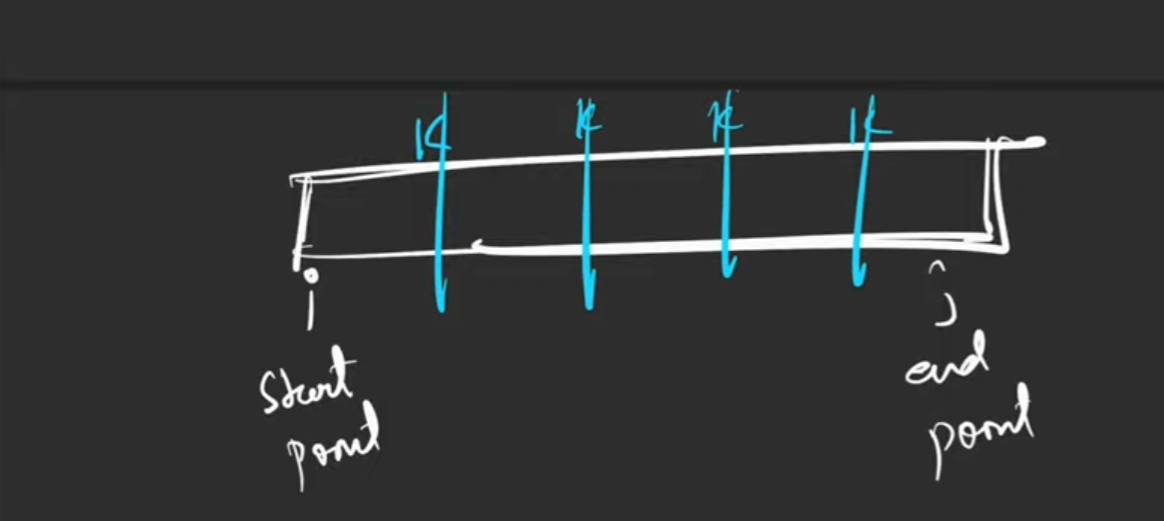
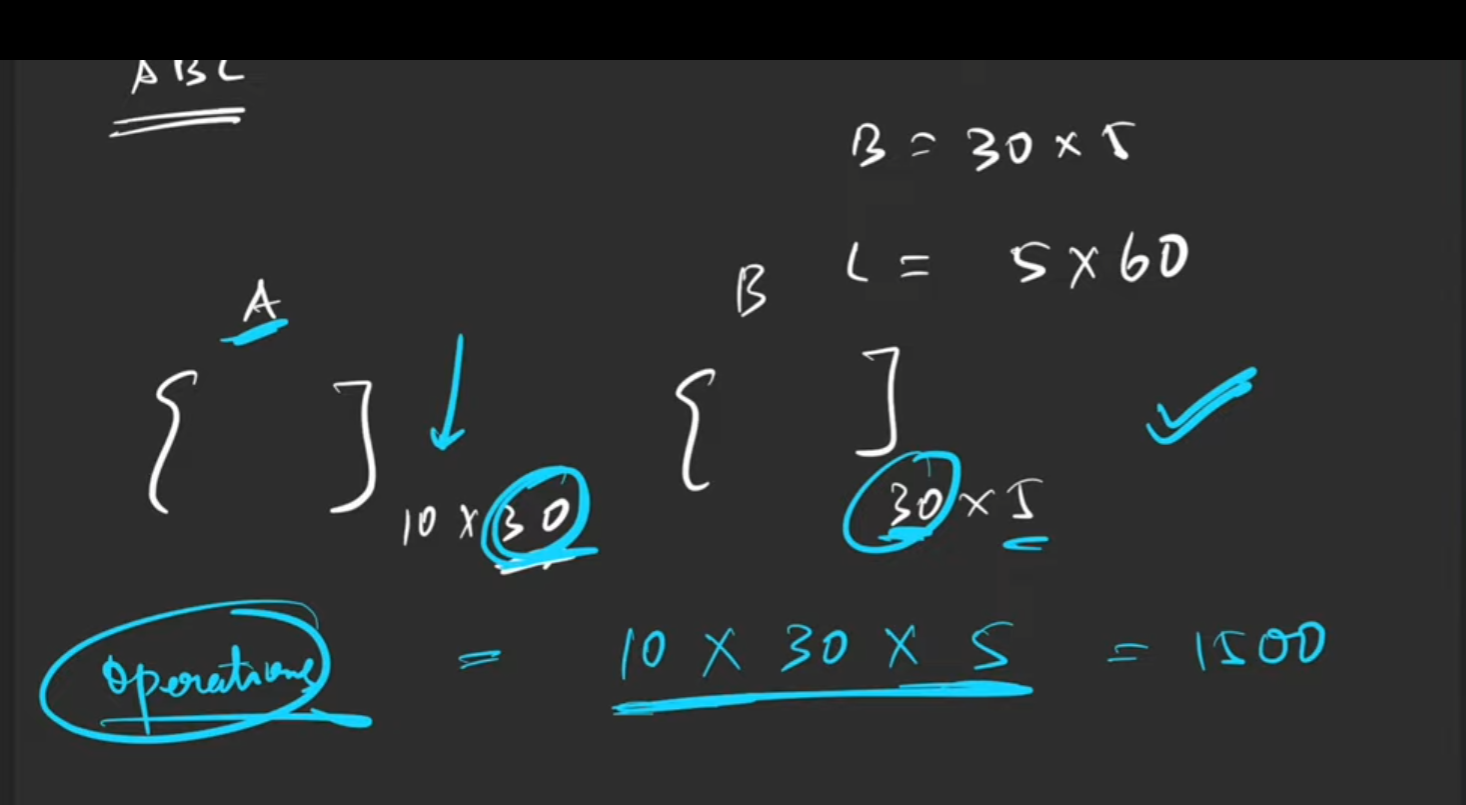
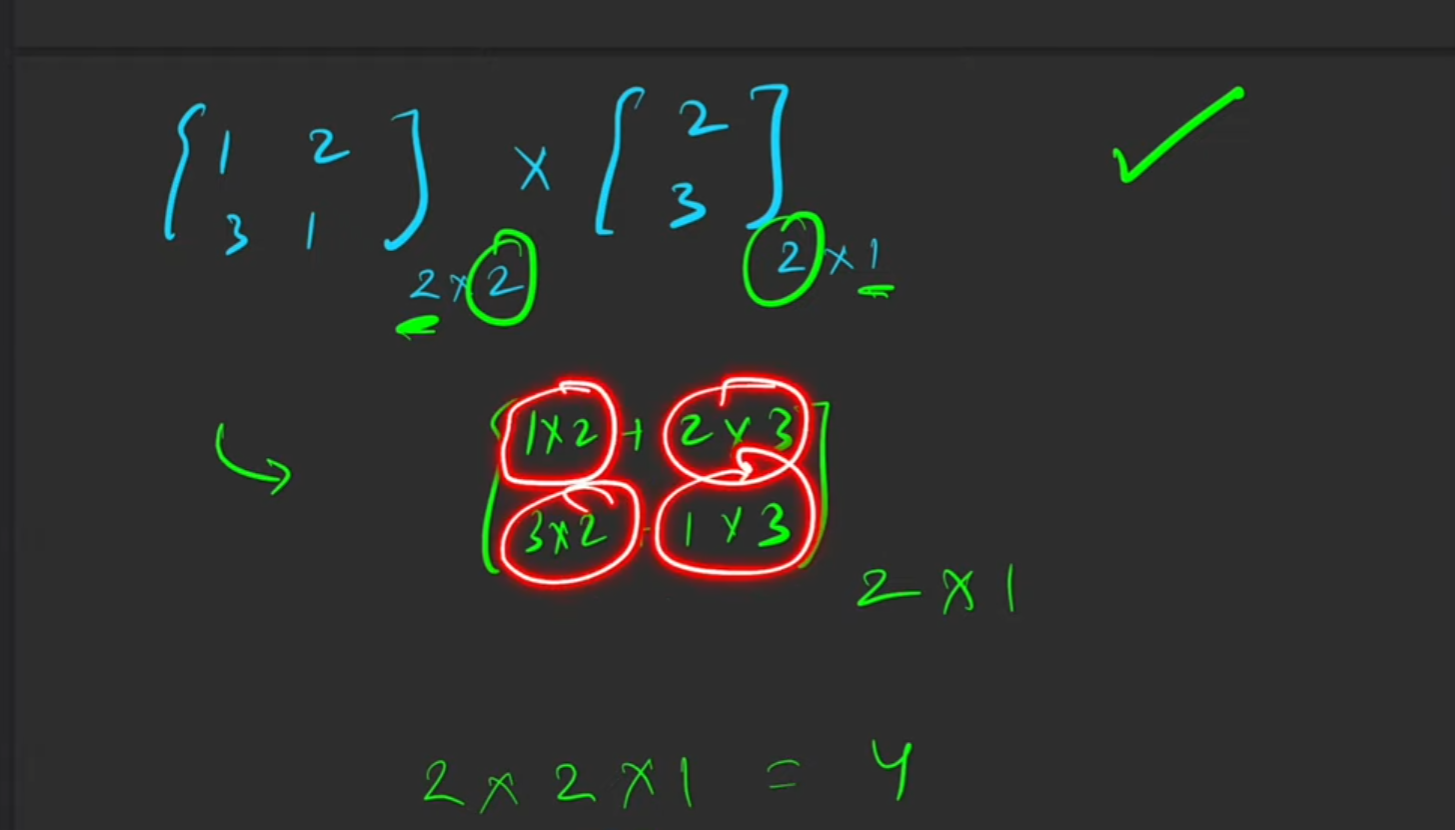
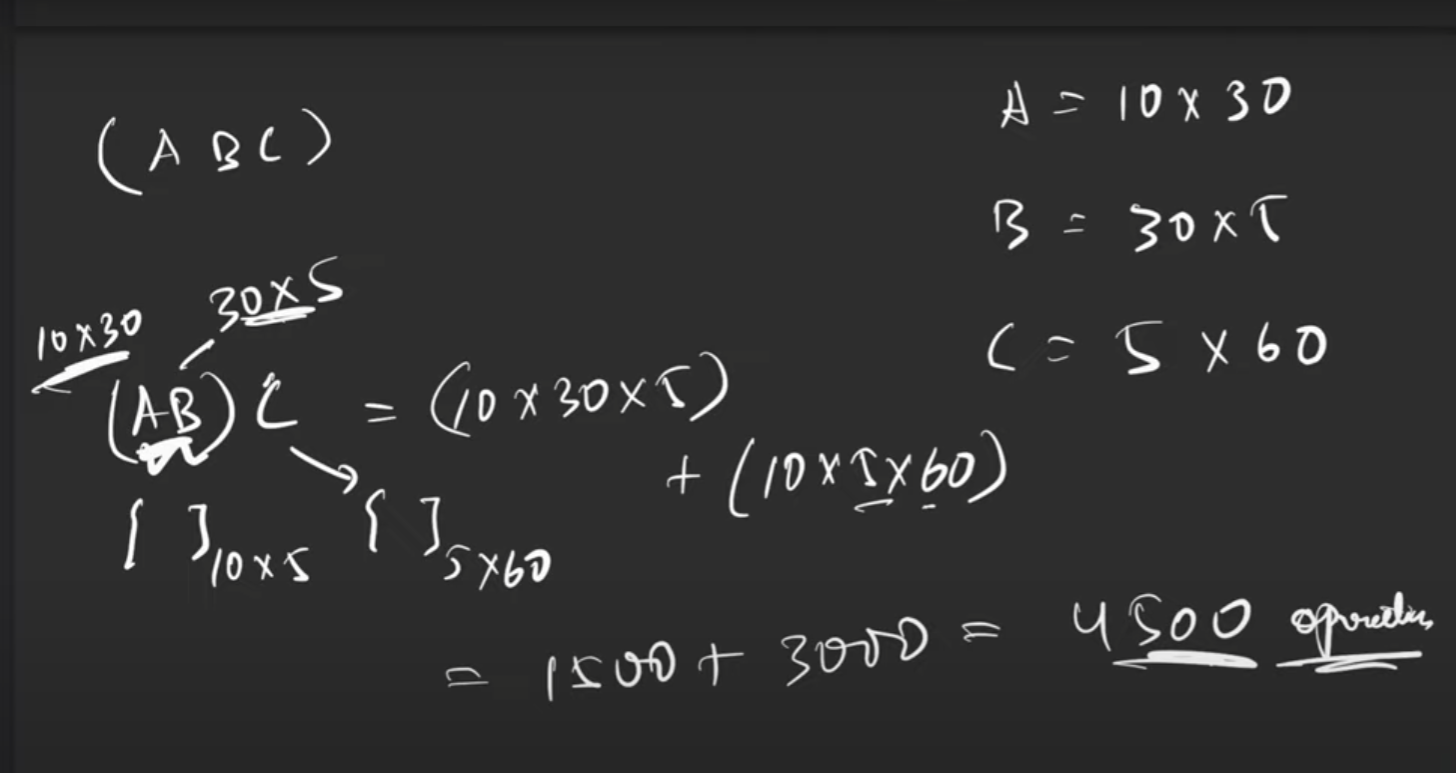
Matrix Chain Multiplication MCM Partition DP

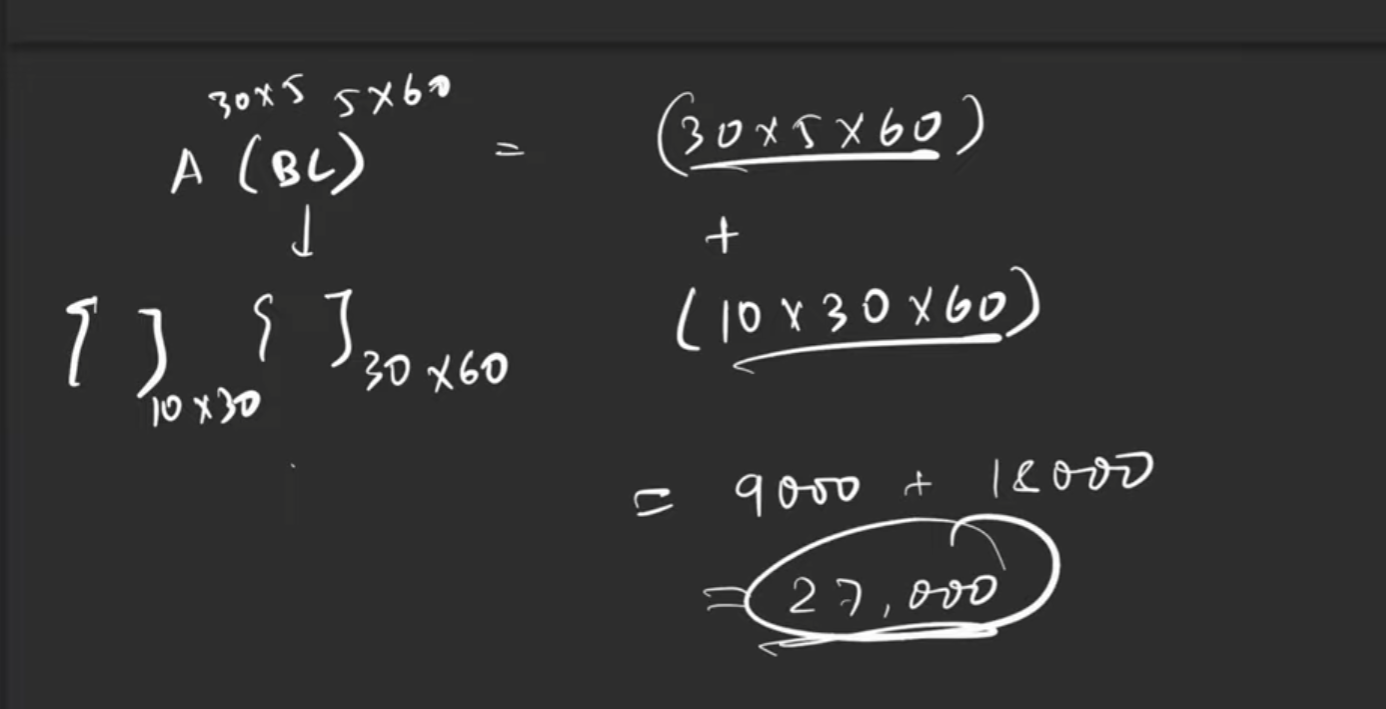
Partition DP

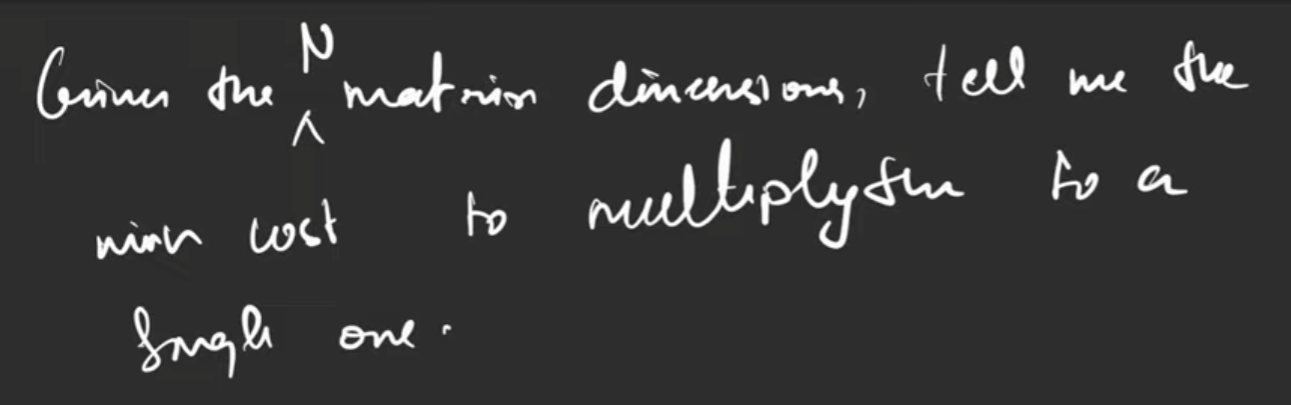


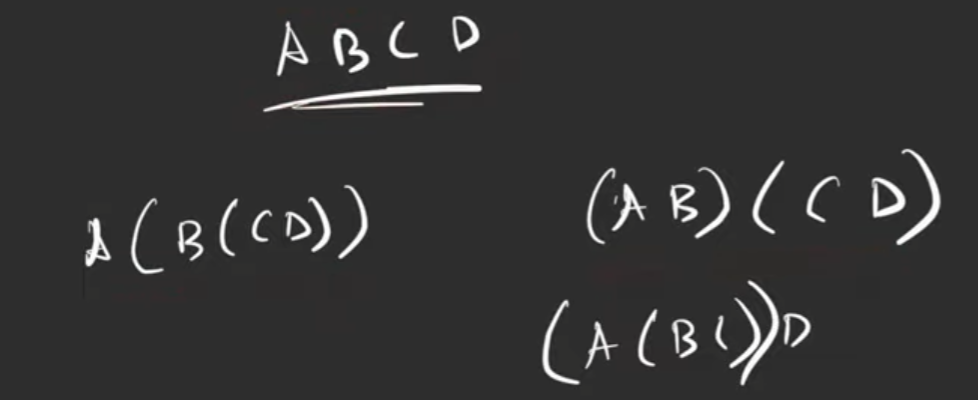


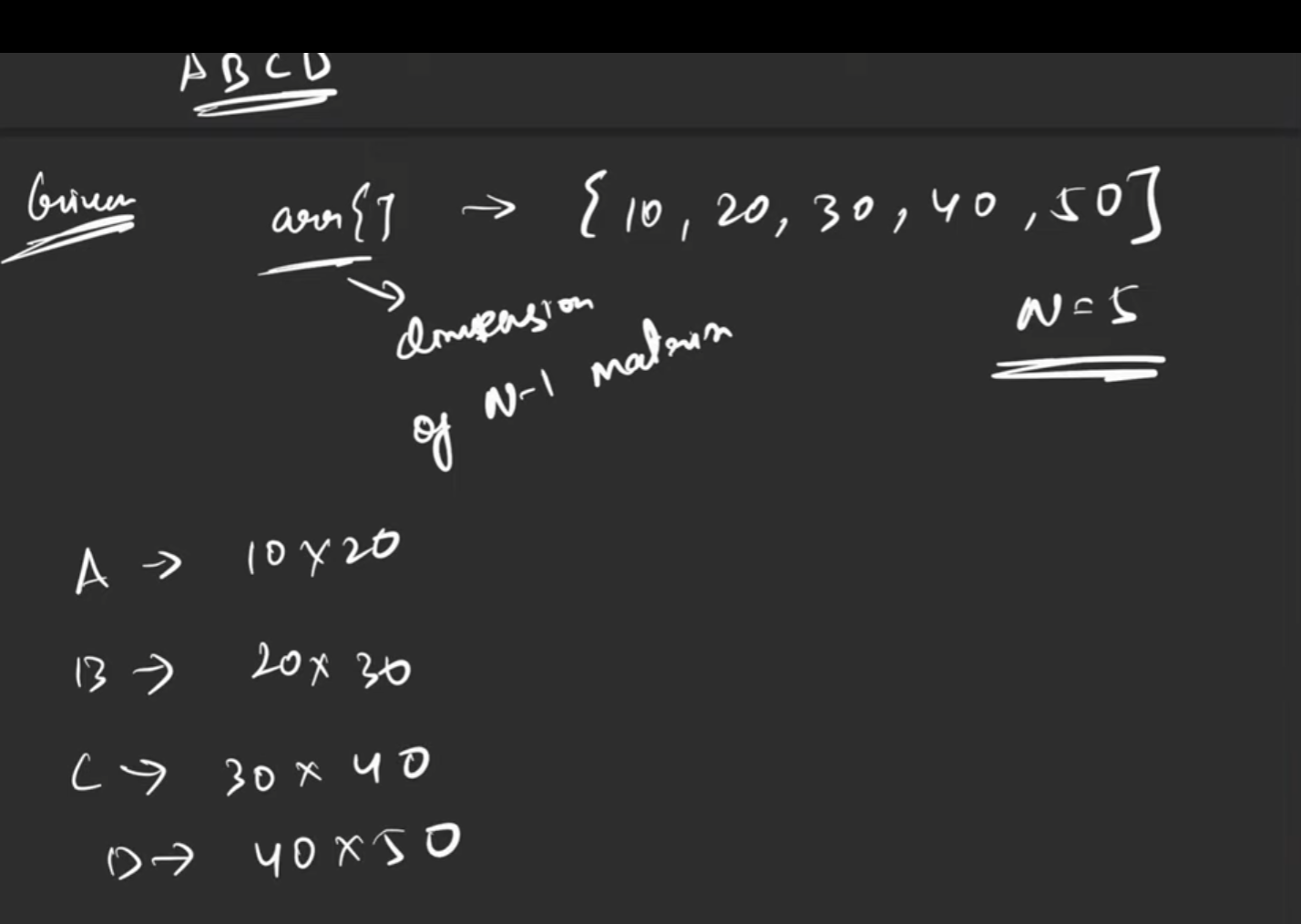






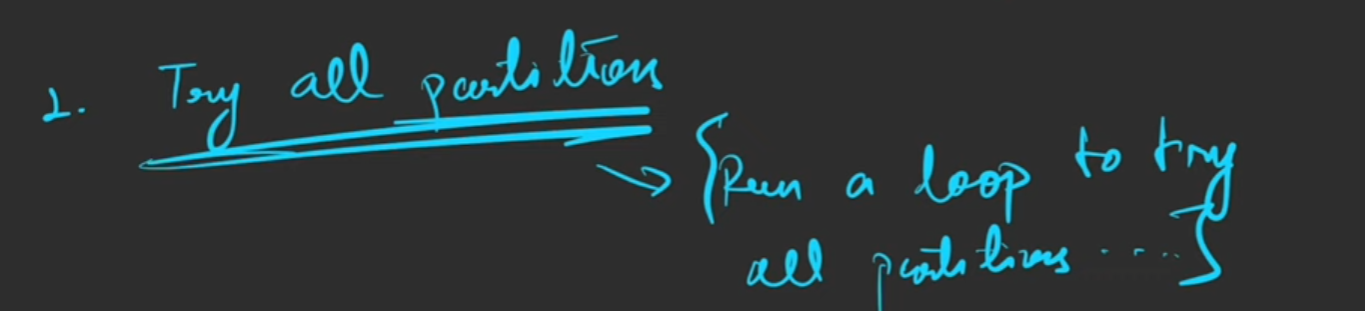
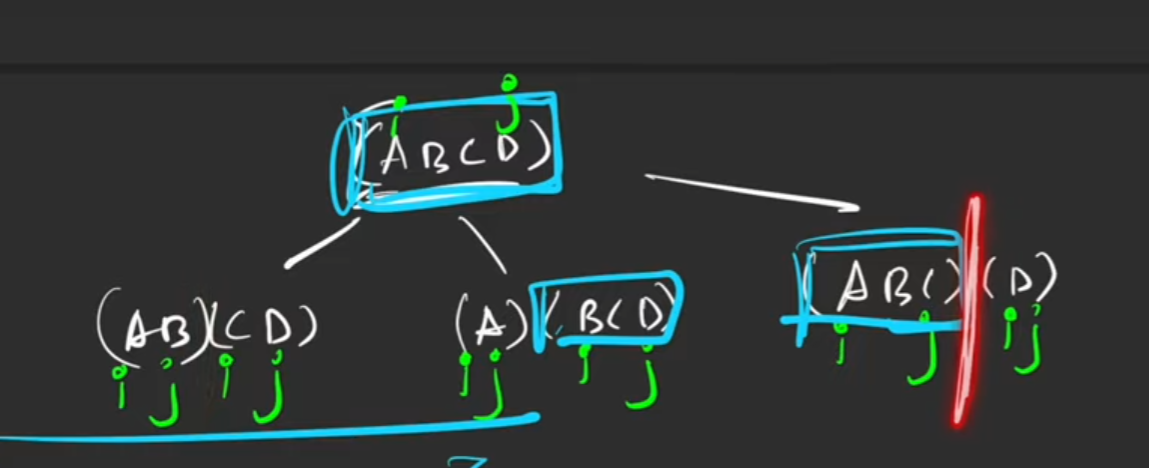


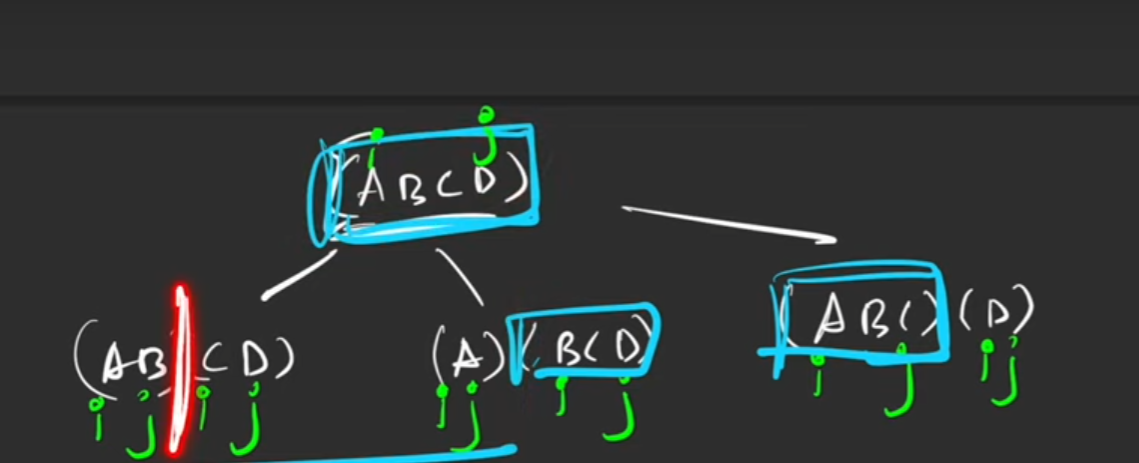


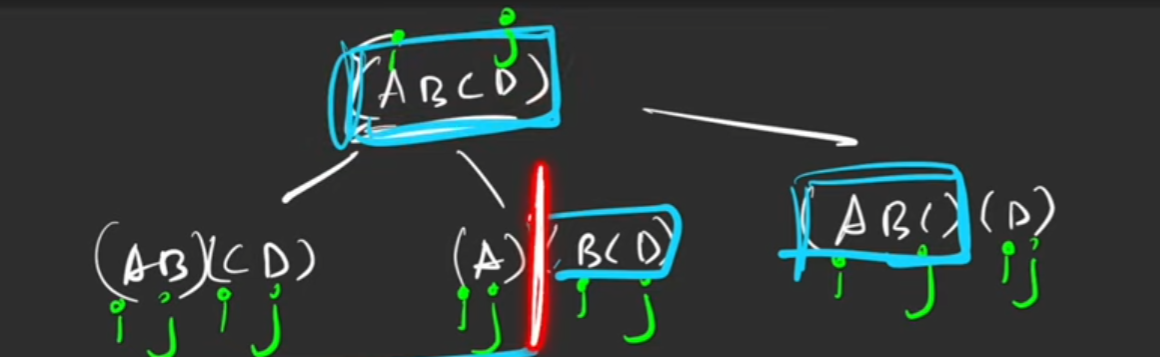




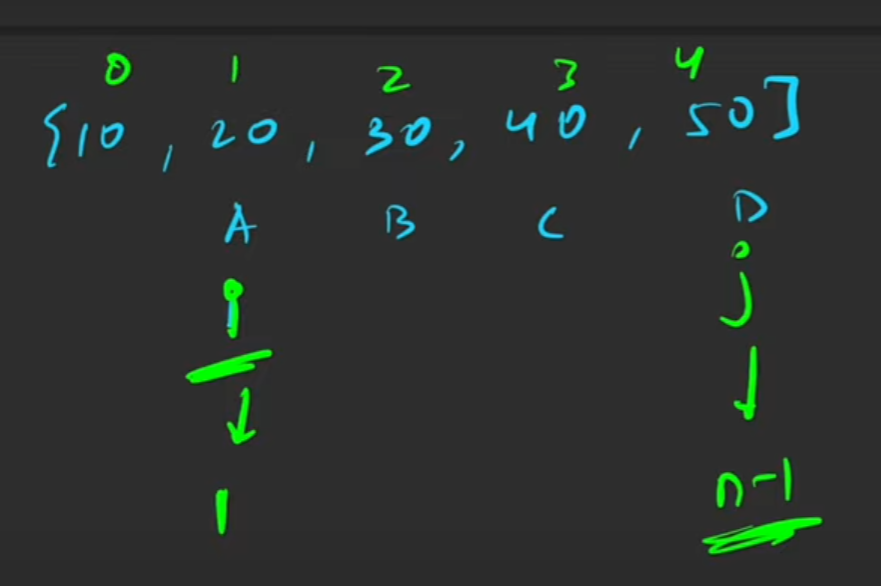


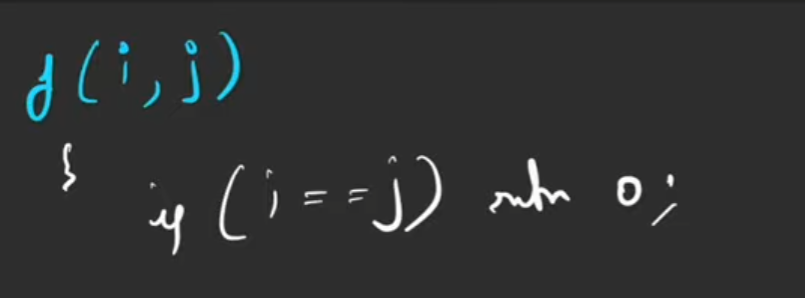




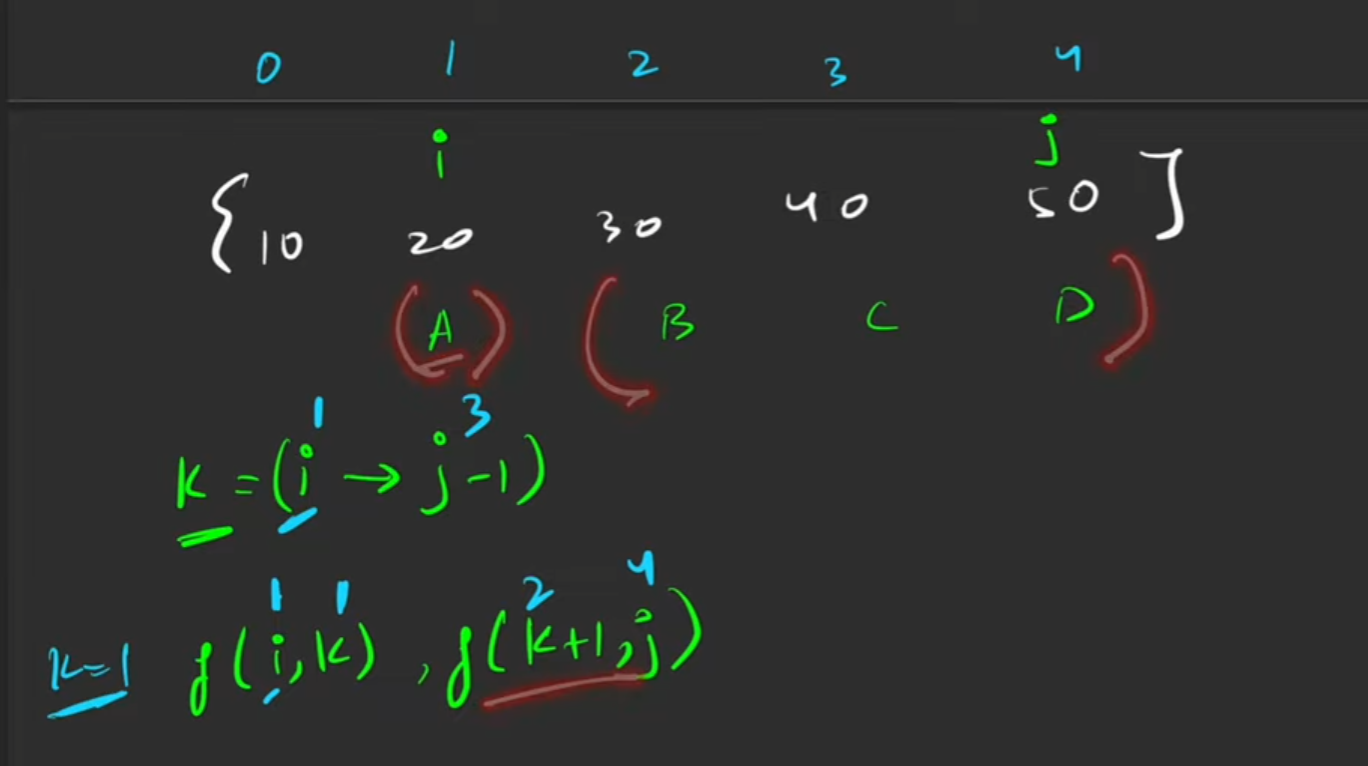


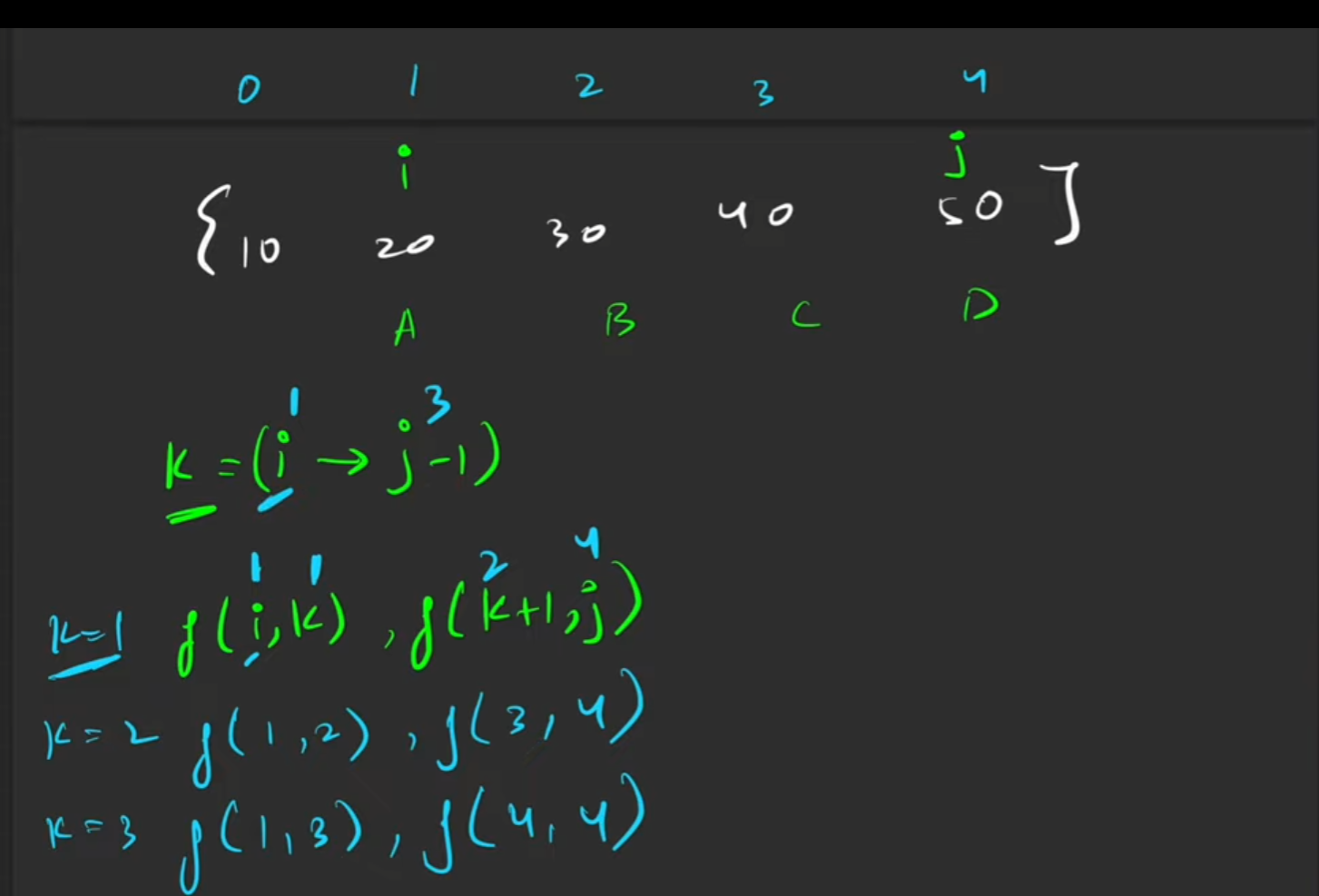


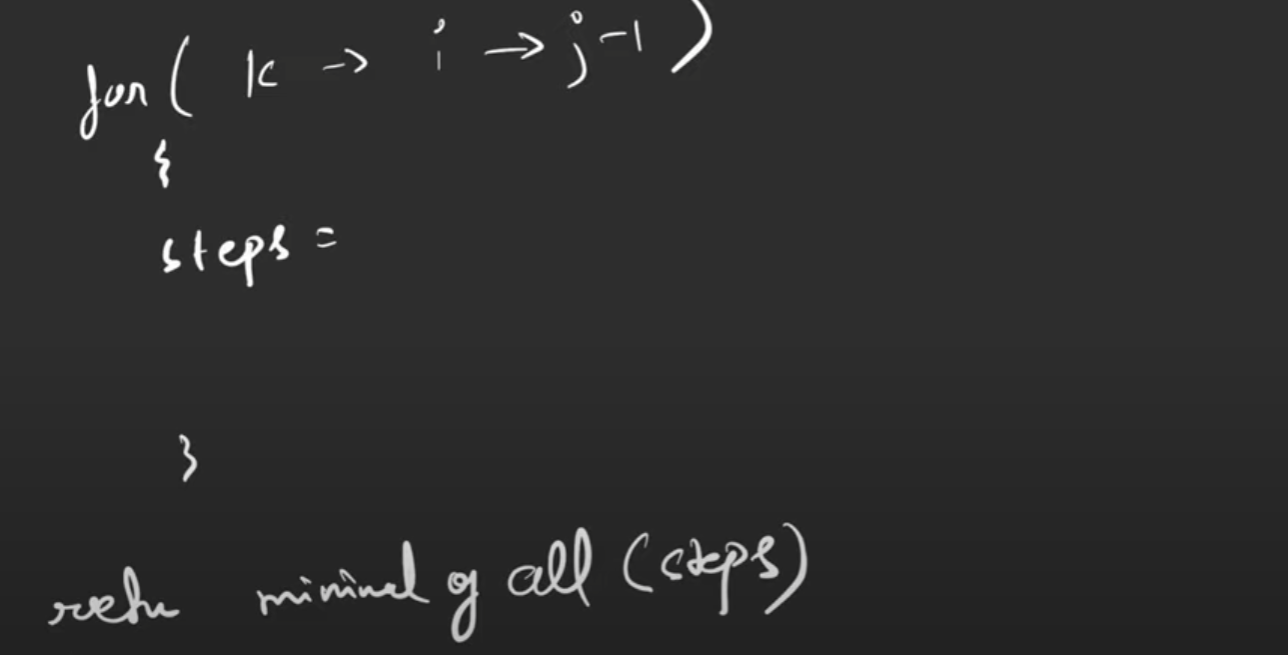
Base case

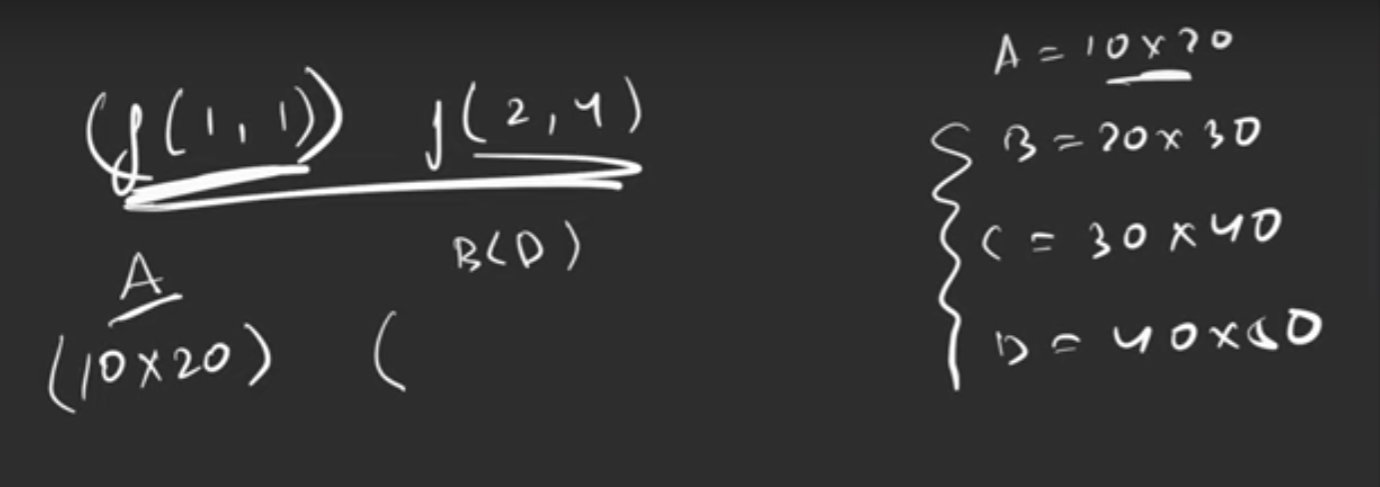


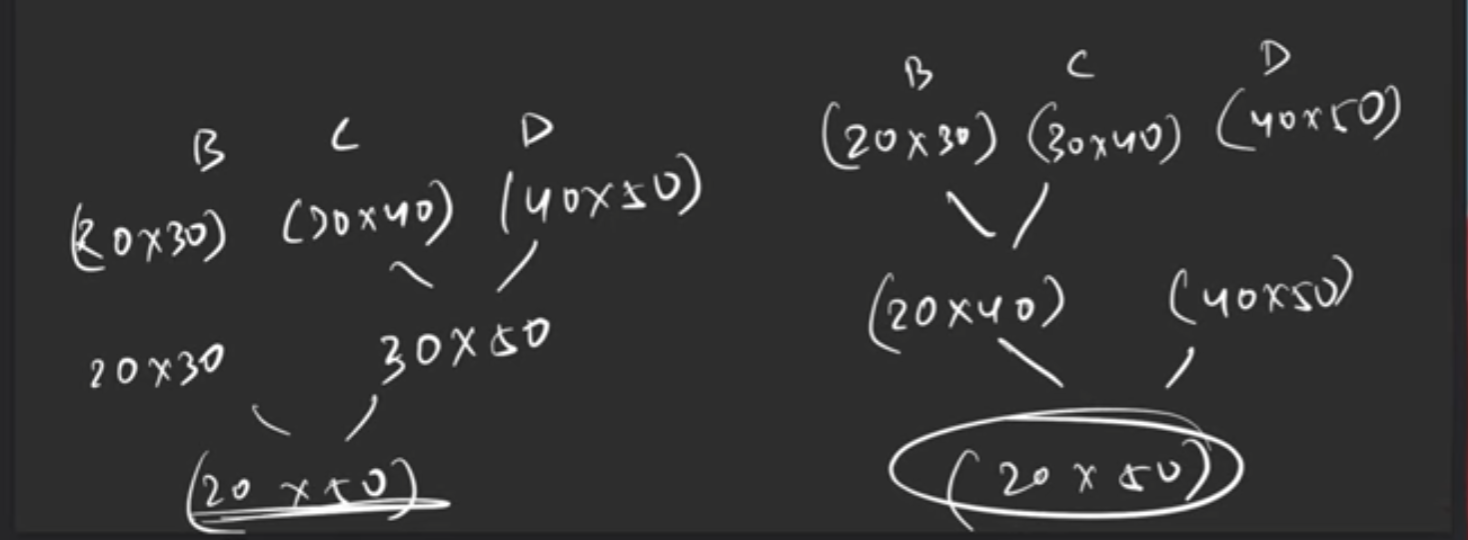
LOOP

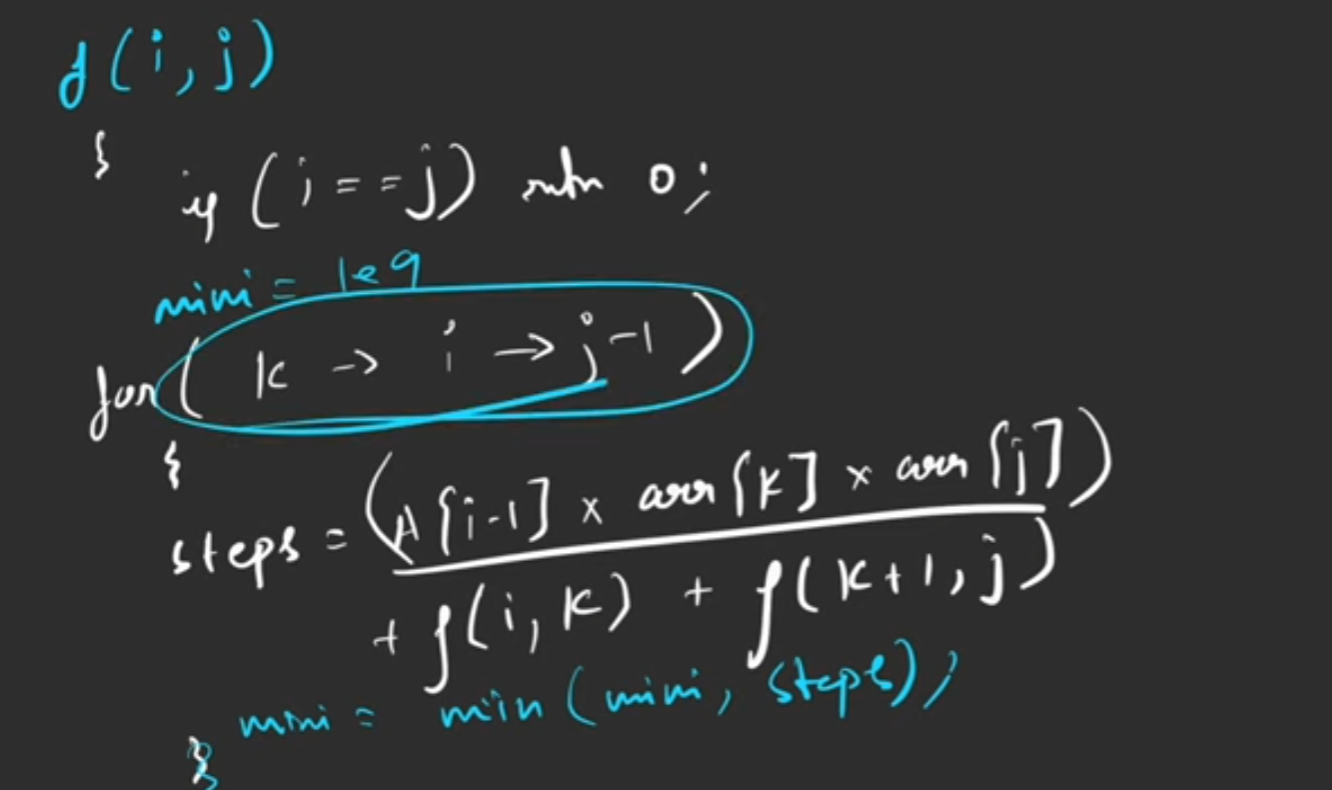




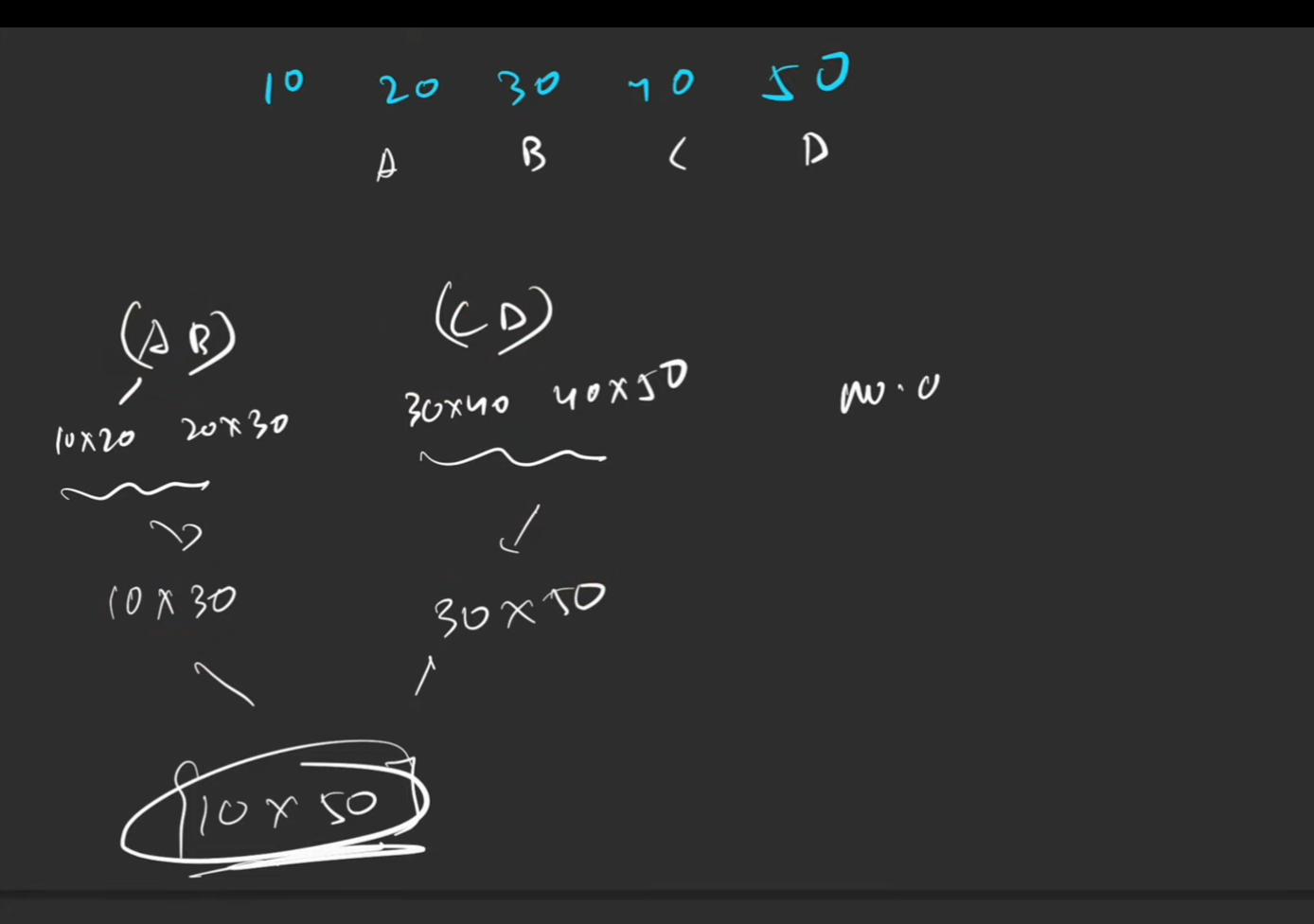


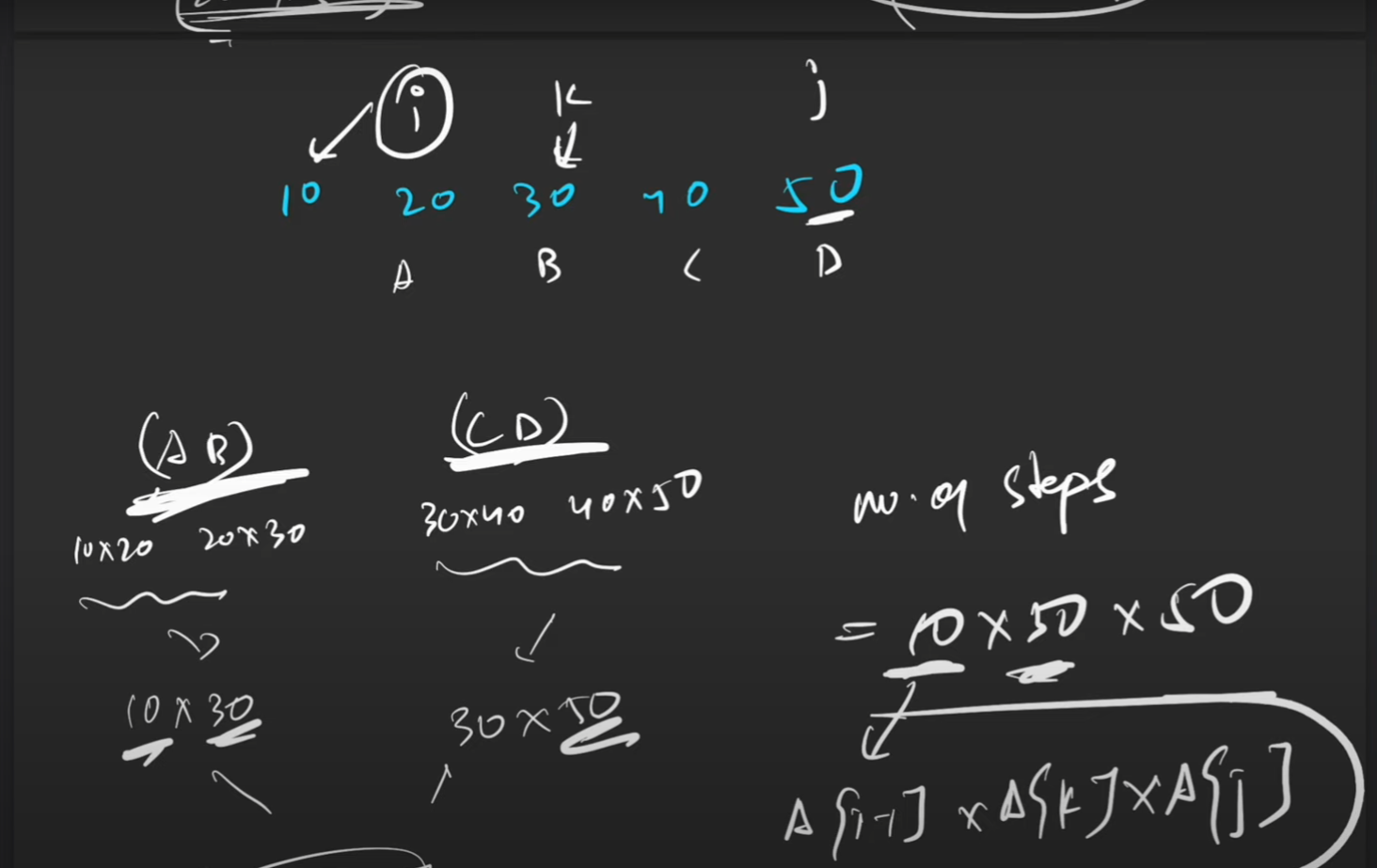






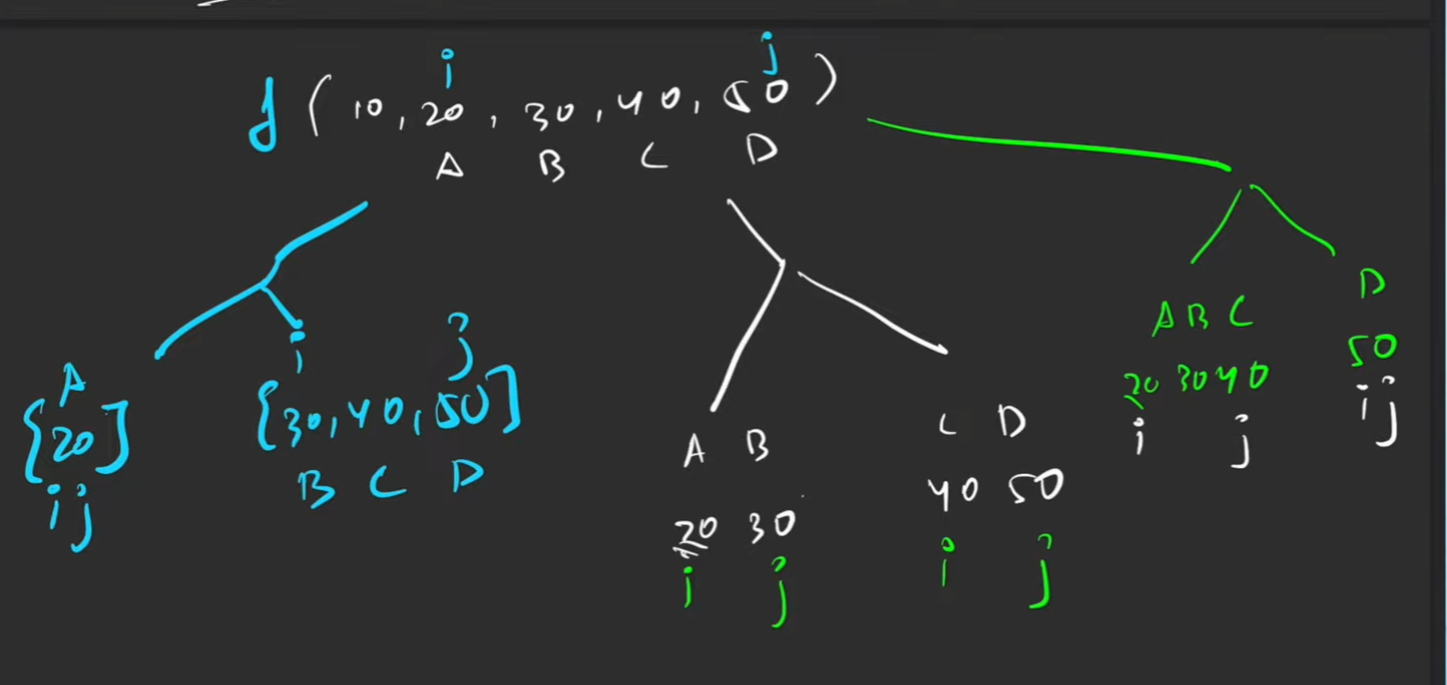
Example

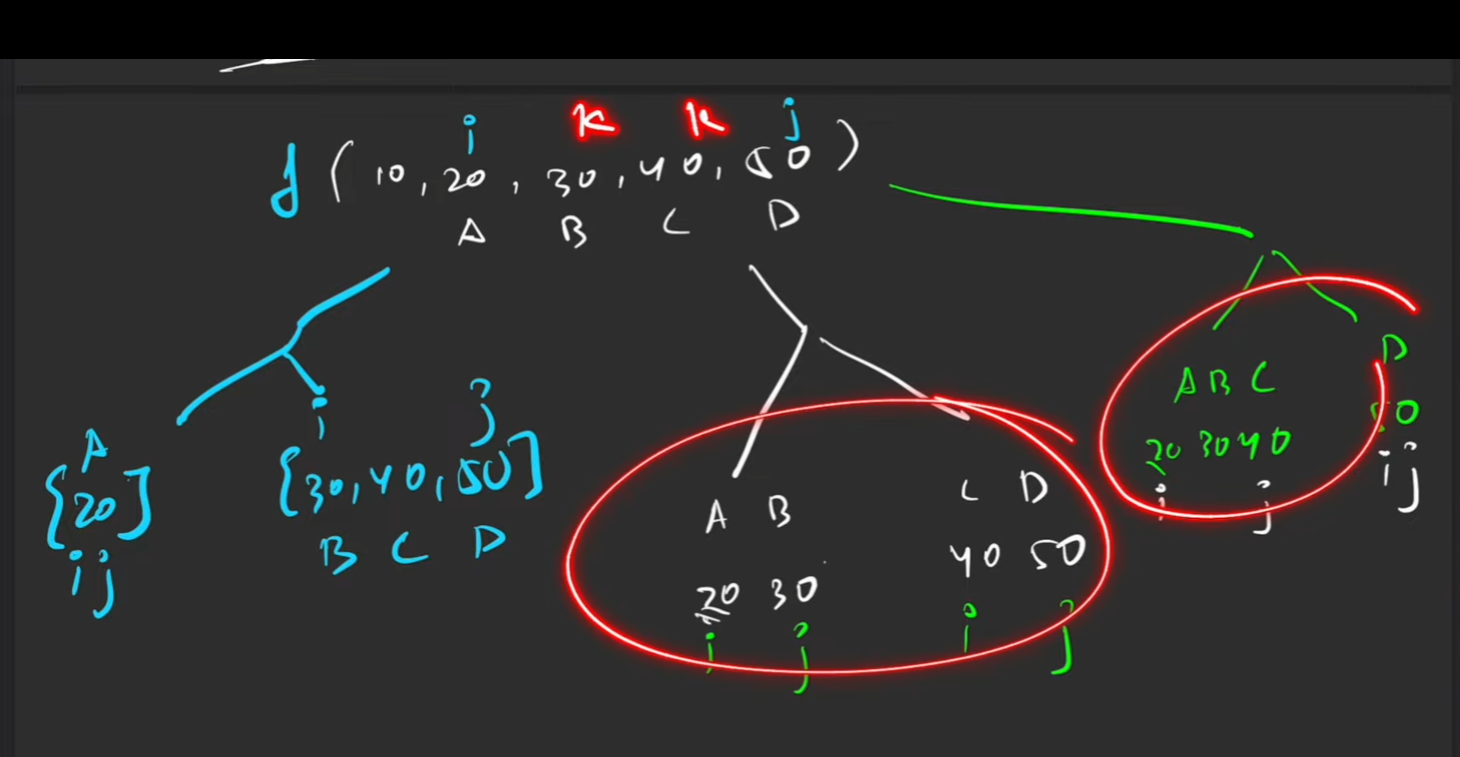


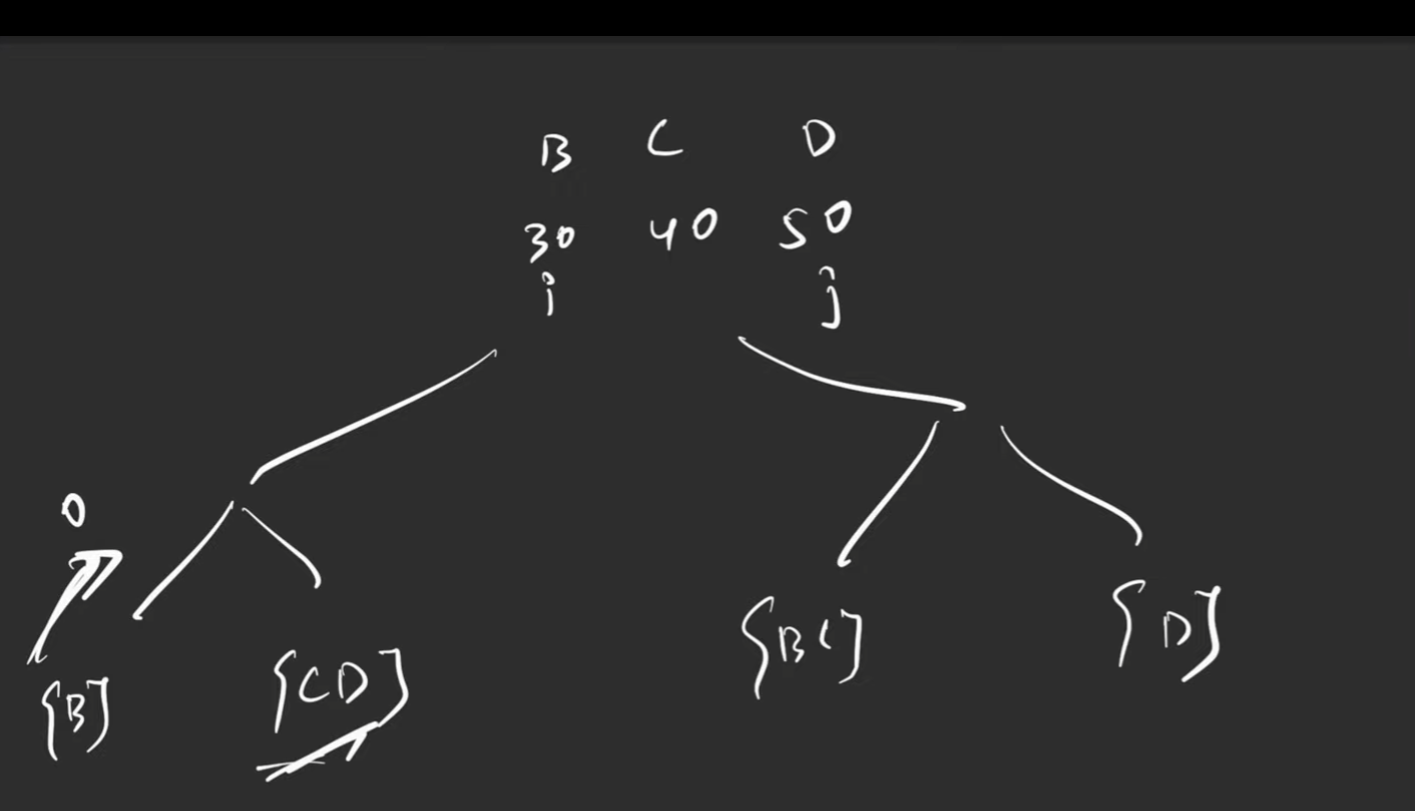




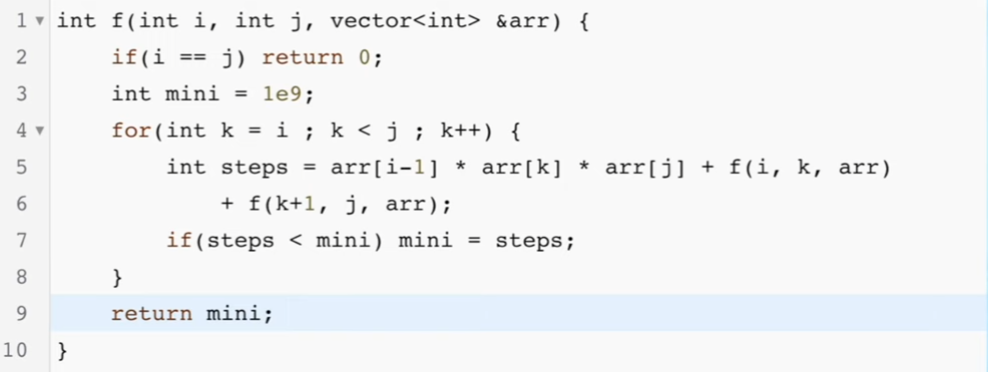
Recursion tree



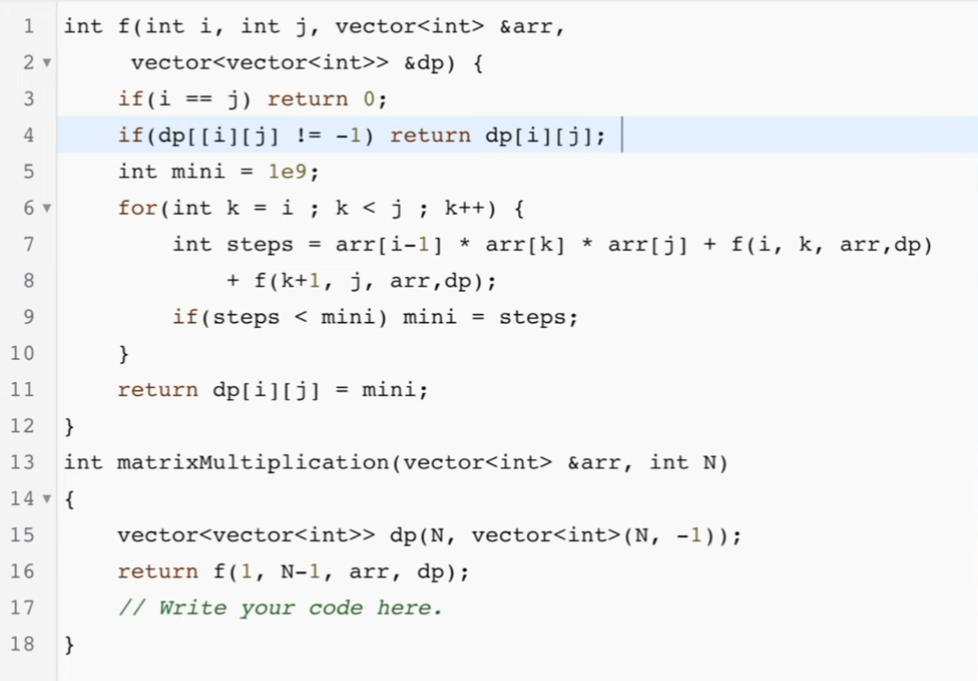




Recursive solution



Memoization



Tabulation

