Two Sum -Practice Que 02 June 2025 08:35 We are given list of integer nums = [3,4,5,6] we need to find out the indices of numbers which has target 3,4,5,6] 3/4/5/6/ Le force approach we just étérate each pais of the élements of the array and check the sum of them is == target or moinot. 4+5=9 5+4=9 6+5=1 5+3=8 6+5=13+5=8 4+6=10 3+(=9 Note: Mis es not efficient way to find out the solution for this Better Approach. Hash Map Indoxing 3456 If you see in above problem we remed to consider one value as assumption from above array of the de assonly another value from array whether after adding it meets the target en the form of sum Rg. if we consider 3, were need to che de for rest of the elements we will have 4 here meets 3+4=72 we will consider empty Hash Map hash mey over here. Val: Index and just update thuse indices which has swo = target Here we are using the technique

we diff = target - element of array If-diff és present in the rest op array then second value as reference is our second These diff are not present at inder present the array Sothat we don't Is these are the two indices which have sum=7 Fundamental thing neved to be keep in mind.

prev-Map = {} 2 Val-index for i, n in enumerate (nums): diff = target -n. et diff ien Prev map: return [prev-nap[diff], i] previon oppin J= i Here et prev-map dict és empty et will update the numbers at the eth endex fizst then execute Lest of Ku loop.