



-Next permutation We are given a seg of nos. We need to reasonange them into the next lexicographically Imput ->[123] output ->[132] [321] n [123]. -nums [-i] I nums [i+i] - finst index i from nums[2]=3 -> 316 (finst dip $[1,2,3,6,5,4] \rightarrow i=2$ This i - indicates next permutation # swap nums[i] -with the smallest no. greater than it to the night. j from right -where hums [j]> -nvims [i] nnm [5]=4 6wap ->[1, 2, 4, 6, 5-, 8]. # After swapping neverse it to make it in the smallest possible order (ascending) ensuring vito the immediate next permutation. Querse part a | tor index = i=2 [6,5,3] → [3,5,6] [1,2,4,3,5,6]