Day - 89 Recursion - 12 Penmutations: * 0 ⇒ 2 3 3.1 20 vector for (गिया मि) [1] [3] [1213], [13] विशेष विशेष = codo permut woid (int arr C], vectors vectors int>> & ans, vector sint & temp, vector < bool > & visited) { if (visited, size() == temp, size()){ ans, push back (Itemp); return; for (int i= 0; ix visited, size(); itt){ Il (visited [i]==0){ visited (i) = 1; temp, push back (ancil); permut(arr, ans, temp, visited);

visited ci] = 0; temp. pop back (); T.C -> O(n+n!) 5,C - 0(n) Now, if we twist this question that you don't have to use visited & temp. If we are not using temp & visited then we have done - all the changes in the original arm. = So, we will do that we do all the changes on that 7 particular index first. For this, we will swap that index value with =1 other values. या। अ 11321

void permul (-int vector cint > barr, « vectors vector cint) & ans. int index) { if (index == am, size()) { ans. push back (3 am); return 3; farlint i= index i ix avr. size() ; i++){ swap (arr[i], arr[index]); permut (an. ans, index +1); swap (arr (i), arr (index));