3 vector<string> generateParenthesis(int n) { vector<string> res; 4 5 string path(2*n,'('); helper(res,path,n,0); 6 7 return res; } 8 9 10 void helper(vector<string>& res,string& path,int left,int ind){ int n = path.size(); 11 12 if(ind==n){ 13 res.push_back(path); 14 return; 15 } 16 if(left==0){ 17 18 for(int i=ind;i<n;i++)</pre> 19 path[i]=')'; 20 res.push_back(path); 21 return; 22 } 23 24 if(n-ind<left) 25 return; path[ind]='(' 26 helper(res,path,left-1,ind+1); 27 28 $if(n/2-left>ind/2){$ 29 path[ind]=')'; 30 helper(res,path,left,ind+1); 31 32 33 34 };

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