09-09-202 Doy. 3 lul-Easy longest common Prefix of there is brefix notwon empty string. Input: stx = ["][ower", "][ow", "flight"] stiny variable for other word {
> A Stre) { eq (strs. size 0 = 20) trolo] / store flower ; istrisiuc) J=0, K=0, ons= while (frc. sirec) and krstrs [i]. sire () in (c[j] = = streli][k]) return coubstraco, m);

luil- modium It longeste substring without or poeting characters. Inputi s= "abrababb" Brute force check each substring one by one If by using for loop complexity O(n3) optimal solm I creat a vector string two pointey approach - left, right noue right point of till duplicate mot occur. find length of substring by stilling window (n-1+1). Int length Of Longest Substring (strings) vector kimt > mpp (256,-1); int lytzo, right =0; int n=s.sizec); int len = 01 while (right in) [mpp[s[rigH]]] = -1) eff = max chipcscoryx+17+1, lift); mpp[s[right]] = right; len = max (len, vright-luff+1), かりなナギ

level-modion imput: s="levtrode", wordDict-["levt", be-9: Word Break output: 4 rue. "code"] level - modion. Using dynamic programming unordered set, string to store the value. use for each loop use for loop from bool word Break (string s, vector (String > + word Diet) & int m = sisilec; aint dp [1+1]; mem set (dp, o, size of dp); / memout is used concert the value to organis dp[m]=1; Chan and copies It into each unordered set stringsdic first on chan of obj. for (storing +word: worldist) dicionent (word). Yor(int 1= 1-1; 17=0; 1--) String word; for [int ]= in (dic. find word) 1 = dicrende) ) & of (dp[j+1]) dp[i]=1;