LeetCode 271 [Encode and Derock Strings] Design an algorithm to encode a list of strings to a string. The encoded string is then sent over the network and is decoded back to the original list of strings. 5 (ab, a, abc, d) Approach 1 use extra character es = xxxxxxxx 5 Cab, b, c, abc] as: [ab, a, abc, d] es = [ab# bH cH abc] ds lab, b, c, abc) Space O(1) Udva solution public String enrade (List & String> strs) { if (strs is Empty ()) (return Character tostring ((char) 258); String separate = Character, to String ((char) 257); String Builder sb = new String Builder (); for (String s= strs) { sb-append (s); shappend (separate) sp. delete CharAt (sb-length()-1); return sto to String (); public List & String > decode (String &) { IF (s equals (Character to String ((char) 258))) { return new Array List > (); string separate = Character to String ((char) 257); return Arrays as List (s. split (separate, -11);

Kotlin solution Fun encode (strs: List & String>): String & if (strs. is Empty()) return 258 to Char () to String() val separate = 257 to Char() to String() val sb = StringBuilder () for (s in strs) { sb-appoid (s) sb-appoid (separate) sh delete CharAt (sh. length -1) return st. to String() Fun decode (s: String): List (String) [if (s == 258 to char () to String ()) return emptyList () val separate = 257. to Charl). tostring () return s-split (separate)