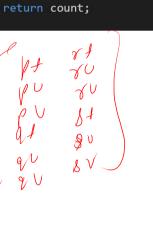
```
100
              2 abc
                        3 def
              5 jkl
   4 ghi
                        6 mno
              8 tuv
                        9 wxyz
    7 pgrs
              0-
    *+
                        ⊕#
keys.put(key: '2', value: "abc");
keys.put(key: '3', value: "def");
keys.put(key: '4', value: "ghi");
keys.put(key: '5', value: "jkl");
keys.put(key: '6', value: "mno");
keys.put(key: '7', value: "pqrs");
keys.put(key: '8', value: "tuv");
keys.put(key: '9', value: "wxyz");
```



Map<Character, String> keys) {

String key = keys.get(digits.charAt(idx));

for (int i = 0; i < key.length(); i++) {

char ch = key.charAt(i);

if (idx == digits.length()) {

res.add(asf);

int count = 0;

public int letterCombinations helper(String digits, int idx, String asf, List<String> res,

count += letterCombinations\_helper(digits, idx + 1, asf + ch, res, keys);