

Given: string of digits from 2-9 inclusive

Return: all possible letter combos that it could represent

2	a	b	c
3	d	e	f
4	g	h	i
5	j	k	l
6	m	n	o
7	p	q	r
8	t	u	v
9	w	x	y

input = 238

i = 0      2                  a                  b                  c

ad ae af bd be bf cd ce cf  
ad + adu adv

- get all letters that current number maps to
- choose each letter and backtrack
- if length of chosen letters = length of input, add chosen to result array
- otherwise, repeat steps above.

7                  2  
p      q      r      s  
pa pb pc qa qb qc ....