

// base case
// single digit = n
q - w = output

// w[0] != q

w[0] w[1] ... w[n-1] - w = output

// w[0] == q

// what else? all str or no move

w[0] == q \rightarrow w[i] = q?

for (w[i] < w.len()) {

w[i] = q?;

input

bill	cus Pay	change	returned
82	- 100	= 18	98
1 ≤ A	- B ≤ 1,000,000		

1	10	9 -	= 2	0	
3	10	7		2	
5	10	5		4	
9	10	1		8	
10	10	0		9	
345	467	922 -	122	800	
6754	10000	924 -	3246	6000	
42	1000	998 -	158	40	* turn next number 9
1	10000000	9999999		0	