class Solution {

public int[] plusOne(int[] digits) {

int n = digits.length;

for(int i=n-1; i>=0; i--) {

if(digits[i] < 9) {

digits[i]++; return digits;

}

digits[i] = 0;

}

int[] newNumber = new int [n+1];

newNumber[0] = 1;

return newNumber;

}

}