//1, 11, 21, 1211, 111221, 312211, 13112221

#include <stdio.h>

void find\_num(char \*arr, int s) {

int num\_count = 1;

if(s == 1) {

printf("%d%c",num\_count, arr[0]);

//return;

} else {

for(int i = 0; i < s; i++) {

if(arr[i] == arr[i+1]) {

num\_count++;

} else {

printf("%d%c", num\_count, arr[i]);

num\_count = 1;

}

}

}

}

int main() {

char arr[] = "1211";

int size = sizeof(arr)/sizeof(arr[0]);

find\_num(arr, size);

return 0;

}