import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

System.out.println("Enter a String");

String a = s.nextLine();

int currentLength = 1;

StringBuilder result = new StringBuilder();

for (int i = 1; i < a.length(); i++) {

if (a.charAt(i) == a.charAt(i - 1)) {

currentLength++;

} else {

//System.out.println(currentLength + "" + a.charAt(i - 1));

result.append(a.charAt(i - 1))

.append(currentLength > 1 ? currentLength : "");

currentLength = 1;

}

}

// System.out.println(currentLength + "" + a.charAt(a.length() - 1));

result.append(a.charAt(a.length() - 1))

.append(currentLength > 1 ? currentLength : "");

System.out.println("Crude Compress result is " + result.toString());

}

}