Day 72 coding Statement : In this problem you will have to implement a simple editor. The editor maintains the content of a string S and have two following functions:

"**+ i x**": insert a string **x** into the current string **S** after the **i**'th character of the **S** (we use 1-indexing in this problem). When **i** equals to **0** it mean we add **x** at the beginning of **S**.
"**? i len**": Print the sub-string of length **len** starting at position **i**'th of **S**.
At the beginning, the editor holds an empty string. There will be **Q** queries of the two types described above.

Input

The first line contains the integer **Q**. Each line in the next **Q** lines contains one query.

Output

For each query of the second type, print out the answer sub-string in one line.

Sample Input

5

+ 0 ab

+ 1 c

? 1 3

+ 2 dd

? 1 5

Sample Output

acb

acddb

Project Explorer

- EqualArray.java
- factor.java
- factorial.java
- First_las_letter_captial
- fraction.java
- Frequency_string.java
- GoldMining.java
- GoodWeather.java
- Handshakes.java
- Inheritance.java
- Longest_palindrome.j
- Max_product.java
- NewTablet.java
- No_repeating_char.jav
- Number_of_digits.jav
- odd_or_even.java
- package-info.java
- Palindrome.java
- PalindromicSubString
- Perfect_Number.java
- positive_or_negative.j
- practice_statement.ja
- Prime.java
- Pyramid.java
- quadrant.java
- Qudratic_equation.jav
- Reverse_array.java
- Reverse_string.java
- roots.java
- SetQueries.java
- simpleEditor.java

Sudeep > src > com.talentbattle.codingchallenge > simpleEditor > main(String[]) : void

```java
1  package com.talentbattle.codingchallenge;
2
3  import java.io.BufferedReader;
4  import java.io.IOException;
5  import java.io.InputStreamReader;
6
7  public class simpleEditor {
8
9      public static void main(String[] args) throws  IOException {
10         // TODO Auto-generated method stub
11         BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
12         StringBuilder st = new StringBuilder();
13         int q = Integer.parseInt(br.readLine());
14
15         for(int i =0;i<q;i++)
16         {
17             String s[] = br.readLine().split(" ");
18             if(s[0].equals("+"))
19             {
20                 int start = Integer.parseInt(s[1]);
21                 String sub = s[2];
22                 st.insert(start,sub);
23             }
24             else
25             {
26                 int start = Integer.parseInt(s[1])-1;
27                 int last = Integer.parseInt(s[2])-1;
28                 String subt= st.substring(start,start+last+1);
29                 System.out.println(subt);
30             }
31         }
32
33     }
34
35 }
36
```

Console

```
<terminated> simpleEditor [Java Application] C:\Progra
5
+ 0 ab
+ 1 c
? 1 3
acb
+ 2 dd
? 1 5
acddb
```