# SkillRack

**MONICA A-1912080@nec**

🏆 0/10      🎓 22      🏅 0      🏅 0      🏅 802      🚩 1513

⌄ Theme

🏠 Home      📈 Reports      👤 Profile      ? Help      [→ Logout

## Back To Challenges List

**PRODUCT COMPANIES PROGRAMS - SET 002**          **ProgramID- 7449**      ✓ **SkillRack**

### UNDO operations

The program must accept **N** series of keystrokes as string values as the input. The character **^** represents undo action to clear the last entered keystroke. The program must print the string typed after applying the undo operations as the output. If there are no characters in the string then print **-1** as the output.

**Boundary Condition(s):**
1 <= N <= 100
1 <= Length of each string <= 100

**Input Format:**
The first line contains the integer N.
The next N lines contain a string on each line.

**Output Format:**
The first N lines contain the string after applying the undo operations.

**Example Input/Output 1:**
Input:
3
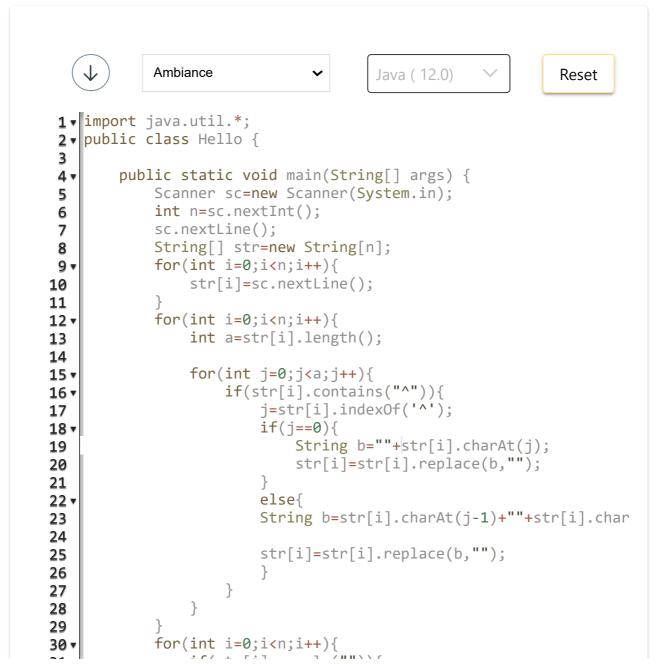Hey ^ goooo^^glee^
lucke^y ^charr^ms
ora^^nge^^^^

Output:
Hey google

luckycharms
-1

**Example Input/Output 2:**
Input:
2
batt^le^^
eu^^^^ropes^

Output:
bat
rope

**Max Execution Time Limit: 2000 millisecs**

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( ↓ )    | Ambiance ⌄ |    | Java ( 12.0 )  ⌄ |    | Reset |

```java
1 ▾ import java.util.*;
2 ▾ public class Hello {
3
4 ▾     public static void main(String[] args) {
5           Scanner sc=new Scanner(System.in);
6           int n=sc.nextInt();
7           sc.nextLine();
8           String[] str=new String[n];
9 ▾         for(int i=0;i<n;i++){
10              str[i]=sc.nextLine();
11          }
12 ▾        for(int i=0;i<n;i++){
13              int a=str[i].length();
14
15 ▾            for(int j=0;j<a;j++){
16 ▾                if(str[i].contains("^")){
17                      j=str[i].indexOf('^');
18 ▾                    if(j==0){
19                          String b=""+str[i].charAt(j);
20                          str[i]=str[i].replace(b,"");
21                      }
22 ▾                    else{
23                          String b=str[i].charAt(j-1)+""+str[i].char
24
25                          str[i]=str[i].replace(b,"");
26                      }
27                  }
28              }
29          }
30 ▾        for(int i=0;i<n;i++){
```

```
31 ▾          if(str[i].equals("")){
32                System.out.println("-1");
33
34          }
35 ▾        else{
36              System.out.println(str[i]);
37          }
38      }
39
40
41
42      }
43 }
```

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Code did not pass the execution                                    —

Hello.java:19: error: incompatible types: char cannot be converted to String
            String b=str[i].charAt(j);
                            ^
1 error

Save    Run

☐ Run with a custom test case (Input/Output)