```python
r= ""
for i in range(int(input())):
    ss = input().split()
    c,i,s=ss[0],int(ss[1]),ss[2]
    if c== '+':
        r = r[:i] + s + r[i:]
    elif c== '?':
        res= r[i-1:i-1+int(s)]
        print(res)
```