POLYCRAP'S ENCODING REVERSAL

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DETAILS OF PROJECT:I'm implementing this project by using Python Programming Language.

CODE:

polycorps_encoding_reversal.py

```
def decode(x,y):
    z=""
    s=""
    r=x-1
    while (r>=0):
        if y[r]=="0":
            z=y[r-2]+y[r-1]
            r-=3
        else:
            z=y[r]
            r-=1
        f=int(z)
        s=chr(96+f)+s
    print(s)
g=int(input())
for i in range(g):
    x=int(input())
    y=input()
    decode(x,y)
```

INPUT&OUTPUT:

```
1
6
315045
```

Output:

code

EXPLANATION: In this program I have implemented polycarp's encoding reversal which is nothing but decoding the encoded string and revealing the original text, in which I have taken it as an input from the user and displayed the output

CONCULSION: Finally I have got the desired output original string