

```
import re

n = int(input())

for x in range(n):
    a = input()

    if (re.search("^R[0-9]+G[0-9]+$", a)):
        type11 = a.split("R")
        type12 = type11[1].split("G")
        print("Case ", (x+1), ": ", type12[1], " ", type12[0], sep = "")
    else:
        b = re.split("[A-z]+", a)
        a = a.split(str(b[1]))
        print("Case ", (x+1), ": ", a[0], " ", b[1], sep = "")
```