Cheers

Whenever a Gator football game is happening, UF students always cheer for the gators to win. There are multiple cheers and you want to automate a system to learn cheers so that you can participate. The cheers are:

first half of cheer: second half of cheer:

orange blue orange

two bits, four bits, six bits, one dollar all for the gators, stand up and holler!

go gators, come on gators! get up and go!

Input

The input begins with a single positive integer, $1 \le T \le 60$, on a line by itself indicating the number of test cases to follow. Each test case is on a separate line and it contains one of the starting halves of cheers.

Output

For each test case, output the other half of the cheer on a separate line.

Sample Input

Sample Output

4	blue
blue	orange all for the gators, stand up and holler! get up and go!