

D. High Valyrian

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Adam di Hul, a young warrior from the distant mountains of Mor Tarris, has unexpectedly formed a bond with a rare dragon named **Urraxion**—a descendant of Balerion the Black Dread.

But there's a problem. . .

Urraxion only understands commands in **High Valyrian**, a language that Adam has never spoken. With war looming and skies crying for fire, Adam must learn the language quickly—not to speak poetry, but to issue precise, logical commands to his dragon in battle.

Adam di Hul gives a human-language command (in English), and you have to help him translate it into **High Valyrian** so the dragon **Urraxion** can understand it.

The dragon **Urraxion** can understand **only and exactly** the following:

English	High Valyrian
Fire	Dracarys
Serve	Dohaeras
Calm	Lykiri
Wait	Umbas
Focus	Rybas
Come	Mazis
Forward	Naejot

If the dragon doesn't understand the command, then **Urraxion** replies with "*Skoros?*", which means "*What?*" in English.

Input

Each test contains multiple test cases. The first line contains the number of test cases t ($1 \leq t \leq 10^4$). The description of the test cases follows:

Each test case consists of a single string s ($1 \leq |s| \leq 100$)— a sequence of the characters.

Output

For each test case, print **High Valyrian** command on a new line.

Example

standard input	standard output
4	Dracarys
Fire	Lykiri
Calm	Dohaeras
Serve	Rybas
Focus	