

# World Tour Contest Problem 4 — W Szczepreszynie chrząszcz brzmi w trzcinie

**Time limit:** 2.0s **Memory limit:** 128M

After giving **quantum** the English words that he wanted, you decide to cross to the border into Poland. (Or maybe you didn't manage to get him the word list, in which case you deserve what's coming next.) Knowing that the first thing any local would ask a foreigner who spoke a few words of Polish to say is "w Szczepreszynie chrząszcz brzmi w trzcinie," you decide to prepare before you cross the border to avoid embarrassment. If you write a program that can convert any Polish word into IPA, then you must be able to say it perfectly, and impress anyone you come across, right? So you decide to do that...



*Chrząszcze*

## Input Specification

The first line of input will be  $N$  ( $1 \leq N \leq 1000$ ), the number of lines to follow. Each of the  $N$  following lines will contain a Polish word, optionally preceded by a preposition consisting of a single consonant.

## Output Specification

Output every input word as IPA on its own line, ignoring all suprasegmental features. Your output should be in UTF-8 and normalized as NFC.

## Sample Input

```
3
Szczecin
w lewo
pies
```

## Sample Output

```
ʂʧʂɛt͡ɕin
vɫɛvɔ
pʲɛs
```

## Notes

**Interesting fact:** The Russian name *Хрущёв* (Khrushchev) shares the same Proto-Slavic root *\*xřǫščь* as the Polish word *chrząszcz*. This has nothing to do with the problem.

## Recommended Reading

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- Wikipedia pages [Polish orthography](#) and [Polish phonology](#).
- [Wiktionary](#) for looking up IPA.