

# Lang

## ZPRAC-16-17-Lab4

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[25 points]

Kriti always faces language issues. She has friends from Hyderabad, Korea and now, Bengal. Prabudhha and Samik are both Bengalis and speak only Bengali. She is now very frustrated and wants to learn a lot of languages. Vpn being a smart mentor suggested her a simple trick of suffixes to identify language from a sentence. He says the language of a sentence is determined by language of maximum words in the sentence. Language of a word is decided by its suffix:

### **Suffix - Language**

cho - Gujarati

chi - Bengali

on - Punjabi

hao - Chinese

nri - Tamil

Any other suffix means unknown language. In such case do nothing.

Ties are broken in the order specified above (i.e. Gujarati gets highest preference)

### **Question starts:**

You are given a space separated list of words terminated with a '.' and have to output the language of the sentence in accordance to the rules stated above.

(The suffix of a word determines its language, and whichever language has most words in the sentence determines the language of the sentence).

### **Example:**

INPUT:

asd hao nanri kemcho kemon achi kiven hon.

OUTPUT:

Punjabi

Explanation:

Unknown - asd, kiven

Tamil - nanri (1)

Chinese - hao (1)

Punjabi - kemon, hon (2)

Bengali - achi (1)

Gujarati - kemcho (1)