

[A] Pronun-Coding

Time limit: 1 second

Lim is a fresh-graduated programmer sent to a developing country named Aiciem. Maung, the leader of Kompani, an infamous company on Aiciem that hires Lim, tells Lim that his company data has been hijacked by hackers and therefore asks Lim to provide a security mechanism. Having no knowledge in network hardware, Lim plans to encode and decode the data prior and upon transmission. In such manner, he is only required to put some code at software level instead of the hardware one. Lim plans to make character-level encoding mechanism based on language pronunciations. To prove his concept, he asks you, a trusted underling, to write a code about it. The code should accept a line of string (max 100 characters) as its input and print its encoded string. The rule for each character encoding can be seen below; characters that are not listed on there are printed as it is.

Input Character	Encoded Character
a	ei
b	bi
c	si
d	di
e	i
f	ef
g	dei
h	eitf
i	ai
j	djei
k	kei
l	el
m	em
n	en
o	ou
p	pi
q	kiu
r	ar
s	es
t	ti
u	ju
v	vi
w	dabelju
x	eks
y	wai
z	zi

Sample Input 1:
maranatha

Sample Output 1:
emeiareieneiteitfei

Sample Input 2:
jaka sembung mawa golok

Sample Output 2:
djeieikeiei esiembijuendei emeidabeljuiei deioueloukei