

(15 points)

# (E) BrokEnglish! (1/2)

Spencer, a computational linguist trying to lessen the amount of time he spends on email, writes a simple find-and-replace script that he hopes will mean he spends a little less time typing out language names.

The script goes through his emails before they're sent and automatically replaces certain two letter ISO 639-1 language codes (like `fr`) with the full names of the languages (like `French`):

ISO 639-1 code	Language name
<code>ce</code>	Chechen
<code>ch</code>	Chamorro
<code>en</code>	English
<code>fr</code>	French
<code>he</code>	Hebrew
<code>is</code>	Icelandic
<code>ro</code>	Romanian

Things seem to be going great... until he starts getting some very confused replies, like the following:

```
From: christine@ioling.org
Sent: Monday, 23 August 2010 11:38
To: spencer@ioling.org
Subject: Re: Time-saving script
```

```
um, spence? i think something has gone REALLY wrong
with your script...
```

```
On Mon, Aug 23, 2010 at 09:34 AM spencer@ioling.org
wrote:
```

```
> Hebrewy, ChamorRomanianrICHebrewcHebrewnlandic!
whEnglish
> you get a FrEnglishcHebweve momEnglisht, cHebrewck
out
> thICHebrewcHebrewnlandic niCHebrewcHebrewn little
> pRomaniangram i wRomaniante.
> -- spEnglishCHebrewcHebrewnr
```



