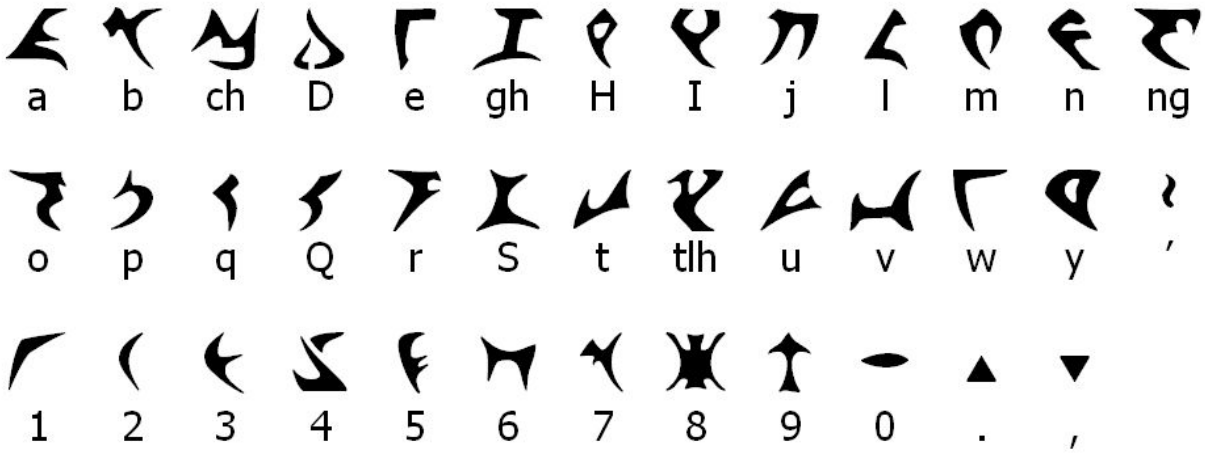
Back-end Start Trek Test

Hello,

We appreciate your interest in Jexia. We're building a platform for developers and we need people like you to make this happen.
For this step, We'd like to present you a challenge. A quick one just to test your abilities.

Do you know what **Klingon** is?

If you've watched Star Trek (If you have never watched it, you should) Klingon is a language spoken by Klingons, native to planet Kronos. Klingon writing is composed of symbols. All symbols together form the Klingon alphabet which is called **pIqaD**. The **pIqaD** alphabet can be also represented by Roman letters. Take a look:



Complete **pIqaD** alphabet:

a, **b**, **ch**, **D**, **e**, **gh**, **H**, **I**, **j**, **l**, **m**, **n**, **ng**, **o**, **p**, **q**, **Q**, **r**, **S**, **t**, **tlh**, **u**, **v**, **w**, **y**, **'**

Yes! **ch** and **'** are letters in Klingon. Furthermore, each symbol has its correspondent hexadecimal number which is a valid Unicode code point. Take a look:

	F8D	F8E	F8F
0			
1			
2			
3			
4			
5			
6			
7			
8			
9			
A			
B			
C			
D			
E			
F			

Your task is:

Translate a name written in English to Klingon and find out its species

Your task is to translate a name written in English to Klingon and find out its species using http://stapi.co.
However, Klingon is a complex language with its own phonetic and grammatical rules like any other. This project aims to test your code abilities, not Klingon's. It means that we're going to add some constraints to define a translation process. Here are your test constraints:

1. It should be a public Git repository with all commit history included;
2. It should be runnable on a Unix bash. The name in English will be passed as the first parameter. It might contain spaces in case of composed names. Example:

```
> ./awesome-project Uhura
```

3. Consider each Klingon cognate letter a valid correspondence to an English letter. For example, **D** is a valid correspondence of **d** on so on. You might notice that some letters are missing which means they are not translatable for this test purposes, then ignore the whole input;
4. The output should contain:
    a. The translated name in Klingon written using the correspondent hexadecimal numbers according to the given table. Format:
        i. Each hexadecimal number should be separated from each other using a single space;
        ii. If the translated name has spaces, use `0x0020` for representing each space character;
    b. The species of the given Star Trek character name using the API;
    c. The translated name and the species name separated by a new line;

Output example:

```
> ./awesome-project Uhura
0xF8E5 0xF8D6 0xF8E5 0xF8E1 0xF8D0
Human
```

- Feel free to choose the programming language you feel most comfortable with;
- A README explaining how to build your project is very welcome. Describe a little on the README about the design choices you've made;
- There's no wrong or right way to solve this problem. Actually, there are hundred of ways to do it. Don't be ashamed of your code, just give your best!

Please try to complete this test within 3 days tops. If you need more time, please let us know. We want to let you as comfortable as possible to solve this test, but keep in mind that 'time vs quality' is one of the inputs being examined here.

And last but not least, have fun doing this test! Fun is an important element creating software.

We're looking forward to seeing how did you solve this!

Best of luck!
Jexia Back-end team