# **Klingon Quiz Problem Version 2: Without freedom of choice there is no creativity**

Now, let’s add a very important functionality. Let the user choose the Klingon word they want to practice.

Here are Klingon consonants: **b, ch, D, gh, H, j, l, m, n, p, q, Q, r, S, t, v, w, y, '**

*Klingon experts will notice that two consonants ("ng" and "tlh") are missing. To keep things simple, we omitted them.*

For each consonant, the text file that you’re using in this lab, contains exactly one word that starts with that consonant.

In this version, your program should ask the user to choose a Klingon consonant

Qapla’!

## **What to do**

1. Read data from [klingon-english.txt](https://drive.google.com/file/d/1jSXbh4TEd4cEDFWPXVdWVAy0vdk8JEmm/view?usp=sharing)
2. Ask the user to choose a Klingon consonant they want to practice with. Ask again if the user’s answer is not a valid Klingon consonant, until the user enters a valid consonant.
3. Find a Klingon word that starts with the chosen consonant *(the text file contains only* ***one*** *word that starts with any given consonant, so you don’t need to use the* random *library)*
4. Ask the user to translate the chosen word into Klingon
5. Print Correct if the user’s answer is correct
6. Print Sorry, you’re wrong! The correct answer is ... if the user’s answer is wrong

You **must** read data from the provided text file – that is absolutely essential in this lab assignment. You can not hardcode the words.

## **Hints**

1. Some Klingon consonants are represented by more than one English letter. One consonant (') is not an English letter.
2. Your program should not proceed to the later steps until the user enters a correct consonant. That’s the job for some while loops!

## **Program name**

Save your program as klingon-quiz2.py.

## **Demo**

<https://asciinema.org/a/mcVa6vABx2fgDIC2HqSiWGxyt>

## **Testing**

To make sure your program works correctly, you should test it. At this point, there are many test cases that you should consider. Refer to the screen recording above for some ideas. Come up with your own test cases for this program.

## **Submitting**

Submit klingon-quiz2.py via eClass.

*You may submit either all versions you complete, or only the final version.*