

Implement the breaking of the Vigenere Cipher

You should read the first 2 chapters of [The code book](#) and upload a two page report (not compulsory to upload the report).

You cannot execute the following code without reading this book. The book is fun to read.

1. Import string and understand the different functions.
2. After assigning `s='rupnagar'`. Understand what `s.find` and `s.replace` does. Also try looking at other functions and have a working knowledge of a few functions that makes sense to you.
3. Understand how one can read a text file from your hard disk and store it as a string:
The following two lines opens a file and assigns its content to the string `s`

```
f=open('filename')  
s=f.read()
```
4. Understand the idea of 'dictionaries' in python. They are similar to lists but very powerful structures.
5. You are given the file [sherlock.txt](#). You can consider any other big text file with english words, preferably a story book. Try reading the file and create a function which returns a string `s` which contains all the letters of `sherlock.txt`. You must remove all the non-letter characters from the file.
6. Download [this python file](#) and fill in the functions one by one.