

## Completed by:

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Data #31, ( [/2-moderateComplexityChallenges/pangramsByKestutis.py3](#) )

# Pangrams

## Challenge Description:

The sentence 'A quick brown fox jumps over the lazy dog' contains every single letter in the alphabet. Such sentences are called pangrams. You are to write a program, which takes a sentence, and returns all the letters it is missing (which prevent it from being a pangram). You should ignore the case of the letters in sentence, and your return should be all lower case letters, in alphabetical order. You should also ignore all non US-ASCII characters. In case the input sentence is already a pangram, print out the string NULL

## Input sample:

Your program should accept as its first argument a filename. This file will contain several text strings, one per line. Ignore all empty lines. eg.

```
A quick brown fox jumps over the lazy dog
A slow yellow fox crawls under the proactive dog
```

## Output sample:

Print out all the letters each string is missing in lowercase, alphabetical order .e.g.

```
NULL
bjkmqz
```

Submit your solution in a file (**some file name**).**(py2| c| cpp| java| rb| pl| php| tcl| clj| js| scala| cs| m| py3| hs| go| bash| lua)** or use the online editor.