

# Candidate Exercise

---

Python Developer - Aon Intellectual Property Solutions (Data and Analytics Team)

## Python Exercise - Pig Latin translation of a file

Please write python code to take a filename and return a string with the file's contents, but with each word translated into Pig Latin. No need to handle newlines, capitalization or punctuation in any specific way. Assume the code is being included in a large mission critical application that is maintained by a large team of developers. Document any assumptions you make along the way. We are looking for what you believe to be good quality code. Let us know how long it took to complete the exercise and what resources you used along the way (google search api's etc.). Please do the exercise on your own and don't copy code from anywhere else. Return your code to your recruiter.

### Rules for translating words from English into Pig Latin

- If the word begins with a vowel (a, e, i, o, or u), add "way" to the end of the word. So "oil" becomes "oilway" and "under" becomes "underway"
- If the word begins with any other letter, then take the first letter, put it on the end of the word, and then add "ay". Thus, "database" becomes "atabaseday" and "macintosh" becomes "acintoshmay".

## Other questions

For each of the following, please write one sentence characterizing your experience with (in no particular order):

- MacOS
- Windows
- Linux
- AWS (especially EC2, RDS, and S3)
- VScode
- Python
- Python unit tests (especially pytest).
- Pandas
- SQL
- Postgres

Thanks for taking the time to complete this exercise!