

### **Handong Honor Code**

- You are responsible for understanding and complying with Handong Honor Code.
- If you copy someone else's coding or homework assignments or use someone else's creative work without any indication, you will get an F grade. Anyone who shares the code with you will also get an F grade.

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## **Assignment 09**

### **1 --**

We would like to create a dictionary called `full2abbrev` that translates the name of the Bible book to the corresponding 3-letter abbreviation.

For example, using this dictionary `full2abbrev`, `Genesis` should translate to `Gen`, `Matthew` should translate to `Mat`, and so on.

We would also like to create a dictionary called `abbrev2full` that translates the 3-letter abbreviation back to the corresponding full book name.

For example, using this dictionary `abbrev2full`, `Gen` should translate to `Genesis`, `Mat` should translate to `Matthew`, and so on.

You will be provided with the file called `bible-3letter.txt` which contains the abbreviations of all 66 books (3-letter abbreviation; e.g. `Gen`, `Mat`, `Pe1`, and etc). Note that there is one line in this file that was added by mistake, thus it shouldn't be used in your program. You must exclude this line, but you must NOT delete the line from the file. This erroneous line must be "programmatically" handled.

You will also be provided with the file called `bible-fullname.txt` which should contain the full Bible book names (all 66 books; e.g. `Genesis`, `Matthew`, `1 Peter`, and etc). However, this file has a lot of blank lines. You should fill out those blank lines by referring to this page (<https://www.logos.com/bible-book-abbreviations>) or any other references if necessary. Yes, you may change/update this file.

When you update the file `bible-fullname.txt`, make sure that the order of the Bible books is maintained (e.g. Exodus comes after Genesis and so on).

Finally, use the contents of these two files and create two dictionaries `full2abbrev` and `abbrev2full`. If you did it right, you should get something like below:

Code:

```
print(full2abbrev["Genesis"])
print(full2abbrev["Matthew"])
print(full2abbrev["1 Peter"])
print(full2abbrev["Isaiah"])

print(abbrev2full["Exo"])
print(abbrev2full["Rom"])
```

Output:

```
Gen
Mat
Pe1
Isa
Exodus
Romans
```

In [ ]:

```
### YOUR CODE STARTS HERE

### YOUR CODE ENDS HERE

print(full2abbrev["Genesis"])
print(full2abbrev["Matthew"])
print(full2abbrev["1 Peter"])
print(full2abbrev["Isaiah"])

print(abbrev2full["Exo"])
print(abbrev2full["Rom"])

"""
### YOUR EXPLANATION STARTS HERE

### YOUR EXPLANATION ENDS HERE
"""
```