

## 5001 Sets/Dictionary Lab; "Decode the file"

I want you to extract the hidden message using sets and dictionaries

You have two files:

<https://www.dropbox.com/s/bwui3kua6bec5fq/file1.txt?dl=0>

<https://www.dropbox.com/s/vlv14i230y9gk5r/file2.txt?dl=0>

The key to finding the messages is finding the words that are misspelled in each file. It's different words in each. Thus, you'll have to compare the two and find which words are in one, but not the other and vica versa. Make sure to work "smart."

Each misspelled word needs to be replaced with another word or phrase. Here are the possible substitutions:

- Lit -> run,
- ancy -> hide,
- nevr -> meet,
- cok -> me,
- he -> mark,
- ite -> sponsor,
- rond -> at,
- elt -> during,
- tiht -> midnight,
- hnd -> noon,
- hen -> dawn,
- minr -> by,
- rew -> oaktree,
- smply -> fountain,
- ight -> farmhouse,

Find the correct words and put them in the correct order to reveal the hidden message.

**Extension ideas:**

This is a pretty simple assignment. We'll skip the extensions for this one. Full credit is possible without extensions.

**Report:**

Reflection:

What was the easiest and hardest part of this assignment?

What did you learn?

What grade would you give yourself?

Message:

What was the hidden message?

**Rubric:**

Used sets to find the unique words - 10 points

Found the hidden messages using dictionaries - 10 points

Code Quality - 4 points

Report - 3 points