

Searching & Numbering

► You can check your work here, or peek if you get stuck.

The searching part of this problem is easy. Place the output **inside an if statement**. Use `find()` as part of your condition. If the word is found, then print the line. (Remember, if a word is not found, that the `find()` member function will return the value `string::npos`.)

Numbering the line is also very easy.

- Create a **line counter** right before the loop starts.
- In the loop, **increment the counter** each time a line is read.
- Instead of printing the line when the phrase is found, print the line number, using **formatted output** before printing the contents.

To print the line number in a field **five character wide** you'll need to use the `setw()` manipulator (which you met in [H01](#)). Follow that with a space, a colon and another space, and finally the line itself.



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