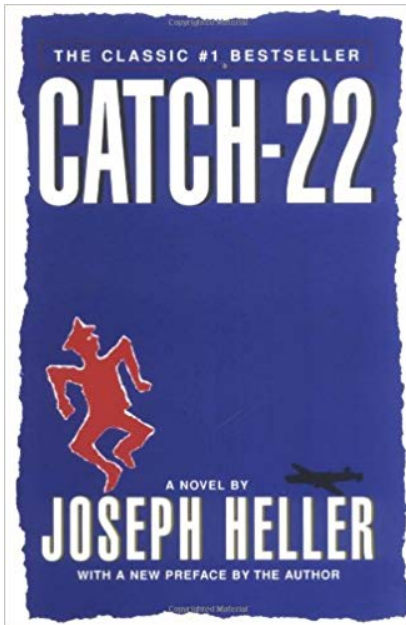


File RW - Programming Challenge



Given the [full text to the book Catch 22](#)

(<https://canvas.qub.ac.uk/courses/11041/files/1074098/download?wrap=1>) ↓

(https://canvas.qub.ac.uk/courses/11041/files/1074098/download?download_frd=1) use your programming knowledge to :

1. Output the **full text** to screen
2. Output the number of **lines**
3. Output the number of **words**
4. Output the number of **characters**
5. Output the number of times the main character's name (**Yossarian**) is referenced in the text.
6. Output the number of times the letter **a** is used.
7. Redact the word **Yossarian** from the complete text and replace with ----- (output the redacted text to a new file **Catch22Redacted.txt**).
8. Check if the redaction has been successful... check that **Yossarian** no longer appears in the new text.

Solution (<https://canvas.qub.ac.uk/courses/11041/files/1074068/download?wrap=1>) ↓

(https://canvas.qub.ac.uk/courses/11041/files/1074068/download?download_frd=1)

Debug Walkthrough video

Using Debug tools to analyse and fix/improve solution.

CSC7081 - Catch22 Debug Walkthrough

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Direct Link if required: [Link](https://web.microsoftstream.com/video/c3527185-9407-4e7b-b50a-3fd8c54eb431) [.\(https://web.microsoftstream.com/video/c3527185-9407-4e7b-b50a-3fd8c54eb431\)](https://web.microsoftstream.com/video/c3527185-9407-4e7b-b50a-3fd8c54eb431)