

Data Structures: Word Processing Tool (Simple Scribe)

In today's digital age, effective document creation and text editing are essential skills for both professionals and students, across all industries. A simple yet powerful word-processing tool can significantly enhance productivity and communication. This case study involves putting all the skills you have learned so far to use to create a simple, user-friendly and versatile word-processing tool called Simple Scribe. Simple Scribe is designed to help users create, edit and format documents.

Create a simple word-processing tool which allows users to create and edit documents. Once the user has inputted the desired text into the document, the following features will be offered to the user: text formatting (allowing the user to make some text bold, underlined, italicised, capitalised), styles (allows the user to have a set style for titles, headings and bodies in the document), and a find-and-replace tool.

Topics to be consolidated

- String Handling
- String Manipulation
- Formatting strings for output
- Built-in Python string functions