

Python Milestone Set 1

Question 1

Objective:

Practice common operations with text (.txt) and Comma Separated Values (.csv) files in Python.

Sub-tasks:

- Create a new text file named my_notes.txt and write a few lines of text into it.
- Read the entire content of my_notes.txt and print it to the console.
- Append a new line of text to the existing my_notes.txt file.
- Create a new CSV file named data.csv and write some sample data (e.g., headers like "Name", "Age", "City" and at least two rows of data) into it.
- Read data.csv row by row and print each row as a list.

Question 2

Objective:

Practice extracting specific pieces of information from text using basic regex patterns.

Sub-tasks:

- Extract all numbers (e.g., "123", "45") from the string "Product ID: 123, Quantity: 45 units."
- Find all words that start with the letter 'b' in the sentence "A big blue bird flew by."
- Check if a given string consists only of lowercase letters (a-z).