

# Python Milestone Set 1

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## 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).