

Exercise 1: String Concatenation and Coercion

Objective: Practice using string concatenation and coercion by creating a program that combines different data types into a single string message.

Tasks:

1. Prompt the user to enter their name, age, and favorite number.
2. Coerce the age and favorite number into numbers.
3. Concatenate the name, age, and favorite number into a single string message.
4. Use string methods to capitalize the name and add any desired formatting.
5. Display the final message to the user.

Exercise 2: String Manipulation Challenge

Objective: Create an interactive webpage that will perform various string manipulations based on user inputs.

Tasks:

1. Ask the user to enter a sentence.
2. Display the length of the sentence.
3. Convert and display the sentence in uppercase.
4. Convert and display the sentence in lowercase.
5. Ask the user to enter a starting index and length, and then display the substring starting from that index with the specified length.
6. Replace a specific word in the sentence as per user's input.