

Python Homework: Personal Info & String Magic

Instructions:

Write a Python program that does the following:

Part 1: Personal Info Collector

1. Create 3 variables to store:

- A person's name (string)
- Their age (integer)
- Their favorite fruit (string)

2. Print a message using f-string formatting like:

Hello, my name is John. I am 21 years old and I love apples.

Part 2: String Processing

3. Take the name, and:

- Print it in uppercase
- Print it in lowercase
- Print only the first character
- Print the last 3 characters using slicing

4. Use .capitalize() to make the name start with a capital letter and all the other letters lowercase.

5. Count how many times the letter "a" appears in the favorite fruit.

6. Split the sentence: "Python is awesome and fun" using the space character " " and print the resulting list.

Part 3: Arithmetic Challenge

7. Assume the person spends 450000 L.L. each day. Calculate how much they spend in a week and format the result as:

Total weekly spending is: 3150000 L.L

8. Calculate how much this amount is in dollars if 1 USD = 90000 L.L. Print it with 2 digits after the decimal point using f-strings.

9. Show me what you can add! 😊