

Environmental Tracker

Goal

In this project, you'll create a simple Python program to track your environmental impact, focusing on the water used for showers. You'll get introduced to basic Python concepts like input/output, variables, constants, and simple calculations.

Stage 1: Input and Output

Get comfortable with capturing user input and displaying it.

1. Write a script that prompts you to enter the number of showers you take per week.
2. Write another script that prompts you to enter how long your average showers are.
3. Display the entered value to understand how input/output works.

Stage 2: Constants and Calculations

Use constants and do some basic math.

1. Define a constant for average water usage per shower.
 - a. Hint: Each 5 minute shower is 10 gallons of water
2. Calculate and print the total water consumption based on the user input.

Stage 3: Output and Formatting

Make sure that outputs are understandable.

1. Use Python's string formatting to neatly label and display the water consumption results.

Stage 4: Project Completion and Reflection

Wrap things up and think about what you've learned.

1. Test your program with different inputs to make sure it works correctly.
2. Reflect on how tracking water usage can help people reduce their environmental impact

Finish early? go to [Version 2!](#)