



CosmiCode

Educating the Next Wave of Tech Pioneers.

Week 1 Tasks

- **Task 1:** Write a Python program to print "Hello, World!" and a brief introduction about yourself.
- **Task 2:** Create a program to perform advanced arithmetic operations (power, modulo) using functions.
- **Task 3:** Write a program that takes user input for three numbers and prints the largest and smallest among them.
- **Task 4:** Implement a program to calculate the area of complex shapes like a trapezoid or an ellipse.
- **Task 5:** Create a program that converts a given time in seconds to hours, minutes, and seconds.



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Week 1 Guide

Objective: Familiarize with basic Python syntax and fundamental programming concepts.

- Task 1: Use Visual Studio Code to write and run your "Hello, World!" program. Explore [Python Documentation](#) for a basic introduction.
- Task 2: Create a program with advanced arithmetic functions. Learn about functions in Python from W3Schools Python Functions.
- Task 3: Learn to take multiple inputs and use conditional statements to find the largest and smallest numbers. Refer to W3Schools Python If...Else.
- Task 4: Understand mathematical formulas and calculations. Refer to W3Schools Python Math.
- Task 5: Practice converting time and understand time-related calculations.



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