Python Basics

CSE 1300 – Assignment 4

SPRING 2026

Overview

This assignment helps you practice Python basics including arithmetic operations, loops, and condition checking. You will write short Python programs for each part and submit both the code and output.

The theme for this assignment is Fitness & Steps Tracking, connecting programming concepts to real-world applications.

Part A: Arithmetic & Formatting

Ask user for:

- Hours studied on Weekday
- Hours studied on Weekend

Compute:

- Total study hours
- Average per day (formatted to 2 decimals)

Part B: For Loop

Print this pattern:

```
1
22
333
4444
55555
```

Part C: Conditionals

Ask user for exam score:

- < 60 → "Fail"
- 60–79 → "Pass"
- ≥ 80 → "Excellent"

Submission

- Word document with code
- Screenshots of output
- Upload to D2L