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Mo Tu We Th Fr Sa Su

Chapters 1, 2 & 3 Handwritten Notes.

Chapter 1:-

This chapter introduces programming as the process of writing algorithms that a computer can follow to solve problems. An algorithm is a clear, step-by-step guide like a recipe. Python is a high level programming language, meaning it can run code line-by-line. We learned to run .py files through the terminal, and using the VS Code play button. A big part of programming is debugging, and fixing syntax errors in our code.

Chapter 2:-

In the chapter we learned that Python uses data types, Int (whole numbers), float (decimals), str (text) and bool (T/F). Variables store values and are assigned using "=". We can change or update variables at any time. Python has rules for naming variables (no spaces, can't start with numbers, etc.). We use "int(), float()" to convert if needed. We also covered (+, −, *, /, etc) operators.

Chapter 3:-

This chapter focuses on debugging. Debugging is like problem solving – we test ideas, see what happens, and adjust until our code works. Using 'print()' statements is an easy way to trace problems. Careful reading of error messages and consistent testing helps improve our code writing.