B1. describe fundamental programming concepts and constructs;

B2. plan and write simple programs using fundamental programming concepts;

B3. apply basic code maintenance techniques when writing programs.

Python Environment

What Is A Program?

The Repl Environment

Error Types

Comments

Coding Conventions

Programming With Numbers

Integer Variables

Assignment Statements

Basic Arithmetic Operators

Built In Functions

Comparisons

IF statements

Conditional Loops

Counted Loops

Floating Point Numbers

Data Types

Number Conversions

Special Functions

Programming With Strings

String Variables

Assignment Statements

Basic String Operators

The [] Operator

Built In Functions

Comparisons

IF statements

Loops

Programming With Lists