B1. describe fundamental programming concepts and constructs;

Some fundamental programing concepts are first you can follow sequences, 2 you can select stuff and repeat steps. You can also add routines and you can add and delete things.

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

Firstly, some programs you can use is scratch, google classroom, adobe spark, and etc.

B3. apply basic code maintenance techniques when writing programs.

Firstly, you should understand the techniques the problem and what you need to solve. Then, design a solution for it. After write code and test and debug it. Then release program.

Python Environment

The python virtual environment is a tool that helps to keep dependencies. Required by different projects separate by creating isolated python virtual environment.

What Is A Program?

A program is a set of rules or some activities that let you do things.

The Repl Environment

the repl environment is an environment that is interactive top level or language shell

Error Types: could be some experimental errors or mistakes.

Comments: written remark of someone expressing something

Coding Conventions: convention would be a set of rules for the game

Programming With Numbers: programing with numbers would be a different numbers used for manipulating

Integer Variables: integer variables are variables that take number values.

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