# Bonfire language

The Bonfire language is built upon using python. It is an interpreter language, meaning it allows the user to create a script full of instructions, run the script through Bonfire, which will then execute the commands. This removes the need for the script to be written in a machine language, instead a user can write their scripts in a high-level programming language which makes the language much more user friendly, easier to interpret, and better useability when compared to something like assembly. Bonfire has implemented loops, if statements, else statements, functions, basic mathematics, as well as interpreting equations that use brackets, powers and long division.

# Syntax trees

## Syntax tree for (1+2)\*3

Diagram

Description automatically generated

## Syntax tree for 1 + 2 \* 3

Diagram

Description automatically generated