

Programming Language Project

1. The project will be carried out by a team of three (3).
2. Task Description: Build a programming language with the following structure:
 - Types: int, float, boolean.
 - Type checking: either static or dynamic typing is alright.
 - Arithmetic Expressions: Four operators $+$, $-$, $*$, $/$ with the usual precedence of $*$ and $/$ over the others two.
 - Basic Boolean Expressions: Equality and inequality between two arithmetic expressions.
 - Instructions: Assignment statement, If-then-else, while-loop
 - Others: A `print()` function.
3. Submission:
 - Your system.
 - A report (with a detailed description of the grammar of your language).
4. Submission: 03 May 2024.
5. Project checking: Morning 07 May 2024.
6. Presentation: Afternoon, 07 May 2024.