

CPSC326 | Homework 6: IR Code Gen | 4/15/2025 | Arjuna Herbst

My first MyPL program is a simple binary search/two sum implementation. This program tests my code generator in a number of ways. First, the `binary_search` function tests proper handling of recursion. The program also tests array creation, indexing and setting array values. The program also tests built in functions like `print`, passing multiple parameters into a function, and arithmetic expressions.

The second MyPL program I created uses a lot of double values since one area I struggled with on this assignment was handling non-integer operations. It also has multiple functions, as well as some complex arithmetic expressions. It also tests for functions that call other functions, since this was also something I struggled with when completing this assignment.