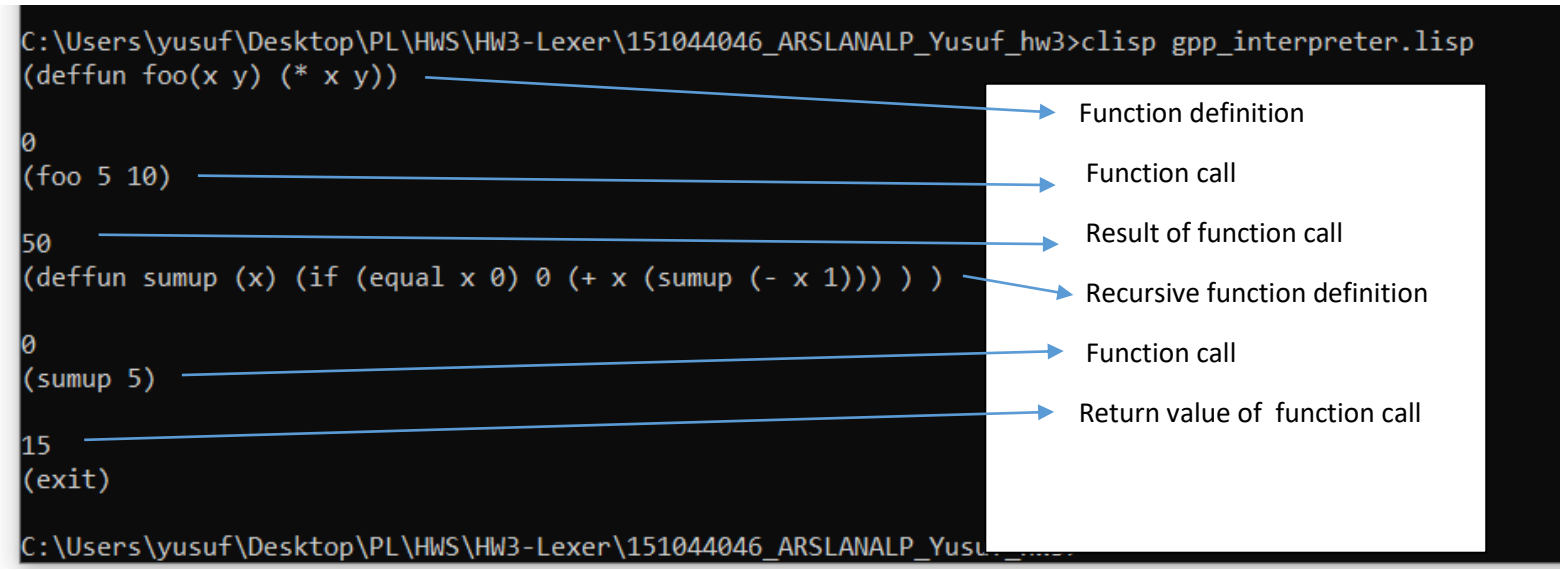
Programming Languages HW3 Report

What I Implemented:

- I didn't Implement yacc part.
- I implemented Lisp part.

What I Implemented in lisp part:

- Function definition (include recursive)
- Function call
- Assignment (defvar and set funtions)
- If statement
- Aritmetic operators (+, -, /, *)
- Boolean operators (and, or)
- Equal function (equal expi expi)



There is a Sample output in above. You can see from there that I implemented function definition and function call. Even recursive function definition and function calls work.

NOTE: Ignore zeros in above screenshots. They are just return values of function definition. According to assignment PDF, function definition should return zero.

How to run program:

- clisp gpp_interpreter.lisp
- clisp gpp_interpreter.lisp input.txt

Yusuf Abdullah ARSLANALP

151044046