

## **MyPL REPL Project:**

### **Specification**

- User can open the REPL by typing “mypl” command in the command line:
  - This will start the mypl REPL executable
- The user can type any one line expression and it will be evaluated:
  - The expression can be stand-alone (does not need to be in a function). It will be checked and evaluated using the MyPL lexer, parser, type-checker, and interpreter
- The user can declare functions and ID's in the REPL and use them only in the same session:
  - The function could be checked and evaluated like a MyPL program without certain things such as a main function.
- The User can exit the REPL by typing ctrl+C