

CS536 – Project 6 – Benny Wysong-Grass, Yezhou Cheng

Implemented as per spec for Project 6. All functionality of the program (or at least all the functionality we are required to implement for code generation) is tested. This includes, but is not limited to:

- Short circuiting
- Hiding name of global variable
- Ensuring bool is output as only 0 / 1 regardless of user input
- Control flow blocks and function flow

To test:

1. build the project with **make**.
2. Then compile test.cflat to produce the file test.s by running **make test**.
3. Then run and test the program with **make runauto**.

In the test phase, nothing should output and the file test.s should be created.

In the runauto phase, two files should be produced, output1.txt, and output2.txt, which should match exactly expected1.txt, expected2.txt. The program expects two lines of stdin input, which is piped in from the files input1.txt and input2.txt, respectively. To test other values of input, run the program with the command **make run**.