

ECE 353 Lab 2 Summary
Fall 2015

Fill out this form and upload it to Moodle.

Student Names: Evan Tyra & Patrick Sullivan

1) Check off all the following functions which you believe work correctly in your code. These should each have passed some basic test cases. Each function should have one person principally responsible for writing the code and another who is responsible for checking its correctness and running test cases on it. Write their last names below. Authoring and testing responsibilities should be divided fairly evenly among group members. The principal author of a function should NOT be the tester for that function.

1. ☐ **main()** Author: Evan Tyra Tester: Patrick Sullivan
2. ☐ **progScanner()** Author: Evan Tyra Tester: Patrick Sullivan
3. ☐ **parser()** Author: Evan Tyra Tester: Patrick Sullivan
4. ☐ **IF()** Author: Patrick Sullivan Tester: Evan Tyra
5. ☐ **ID()** Author: Patrick Sullivan Tester: Evan Tyra
6. ☐ **EX()** Author: Evan Tyra Tester: Patrick Sullivan
7. ☐ **MEM()** Author: Evan Tyra Tester: Patrick Sullivan
8. ☐ **WB()** Author: Evan Tyra Tester: Patrick Sullivan

2) In the space below, draw a call graph of your code. This is a diagram which specifies which functions are called by which other functions. If A calls B, for example, there would be an arrow from node A to node B.

3) As a basic check of the correctness of your code, you should apply one or more test programs for which you know the execution time by construction. Indicate briefly what kind of test program(s) you used. Did your program pass all your test cases?

4) In one of the lectures, we covered assertions as a way to identify errors in the program. Indicate all assertions you used in your code.

