

Lab 2

Conditionals

5 September 2019

The drill for this lab is below. Come to lab on Thursday either with it completed or with a specific written question in your notebook identifying which drill step you got to and what about it you're stuck on.

1. First, open up the repl.it assignment “Lab 2 drill”. In the pane on the left, read in a grade (which will be a number, possibly with a decimal, between 0 and 100). (No need to print a prompt here—and if you do it'll mess up my test cases!)
2. Below this, write an `if` statement that will print the letter grade “A” for any grade that would get an A or A– in my course (hint: see p3 of the syllabus). (We're ignoring the +/– for this drill just to make it a bit less tedious. Otherwise we'd need twelve different conditions!)
3. Remember how you're supposed to try running the program after each drill step? If you haven't yet, make sure to do that now (and fix any errors so far).
4. Now use `else if` to print “B” for any grade that would get a B+, B, or B–. Remember that any number that would get an A has already been handled.
5. Do likewise for C and D.
6. Finally, use plain `else` to print “F” for any grade that does not appear higher on the grading scale.
7. Did you remember to put comments at the top of the program? See Lab 1 for a list of what to put there.
8. Then, if all the tests are passing, click submit.