

CS 4100, Fall 2019
Assignment 3
GOTO

The GOTO statement has engendered a fair amount of controversy in the computer programming community over the years. To better understand the issues involved, we will proceed as follows:

1. Read Dijkstra's letter to the editor of the *Communications of the ACM*, Volume 11, Number 3, March 1968, entitled "Go To Statement Considered Harmful."
2. In a group of 3-4 students:
 - a. Outline Dijkstra's arguments.
 - b. Discuss the arguments and decide if you agree or disagree.
 - c. Discuss how you might expand or rebut each point.
 - d. The outline with indications of agreement or disagreement is to be handed in at the end of class.
3. On your own:
 - a. Read at least one other source from our course web page.
 - b. Write a short essay discussing Dijkstra's arguments. If you agree, provide addition support; if you disagree, provide support for your rebuttal. Be sure to include proper references.