

CSCI 680 – Compiler Optimization

Homework 1

Due: September 21, 2016

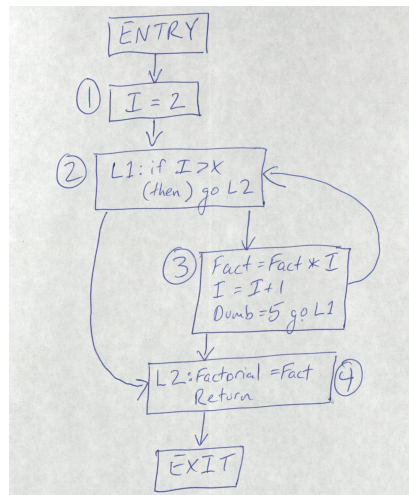
Alexander Powell

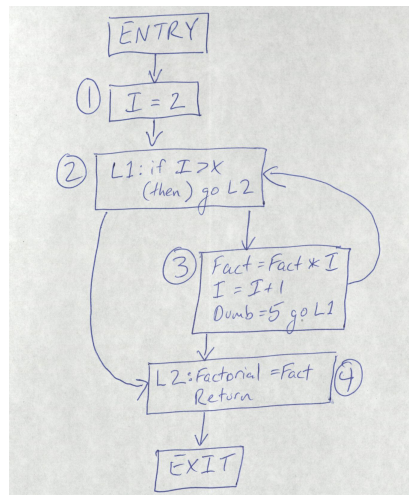
1. Control Flow Analysis

(a) Based on the line numbers of the given code, the set of basic blocks can be written as:

$\{\{1\}, \{2, 3\}, \{4, 5, 6\}, \{7, 8\}\}.$

(b)





(c)

(d)

(e)

2.

3.