

Project 2: Program Analyses, Code Transformations, and Improved Code Generation

Release 2: Example CFGs

Raspberry Pi:

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23 November 2025

This document shows examples of our compiler-generated control flow graphs (CFGs) for the Release 2 stage of Project 2.

See the accompanying README.md file for more details of project accomplishments and task assignments.

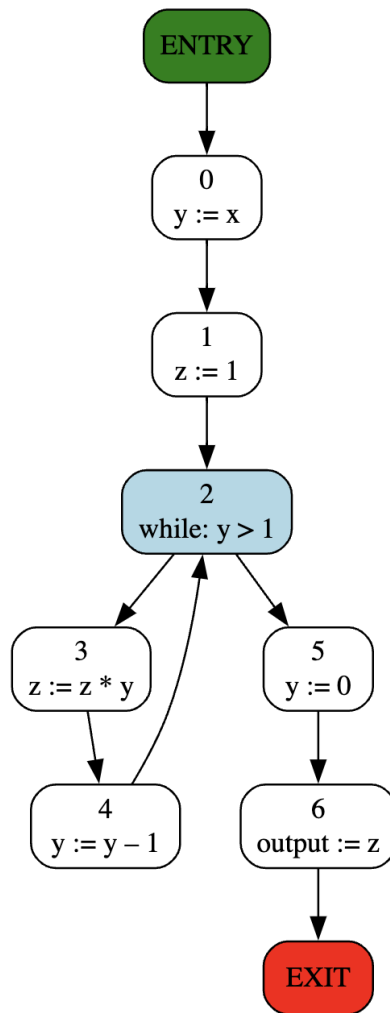


Figure 1: Compiler-generated control flow graph (CFG) for the `example1-factorial.while` program.

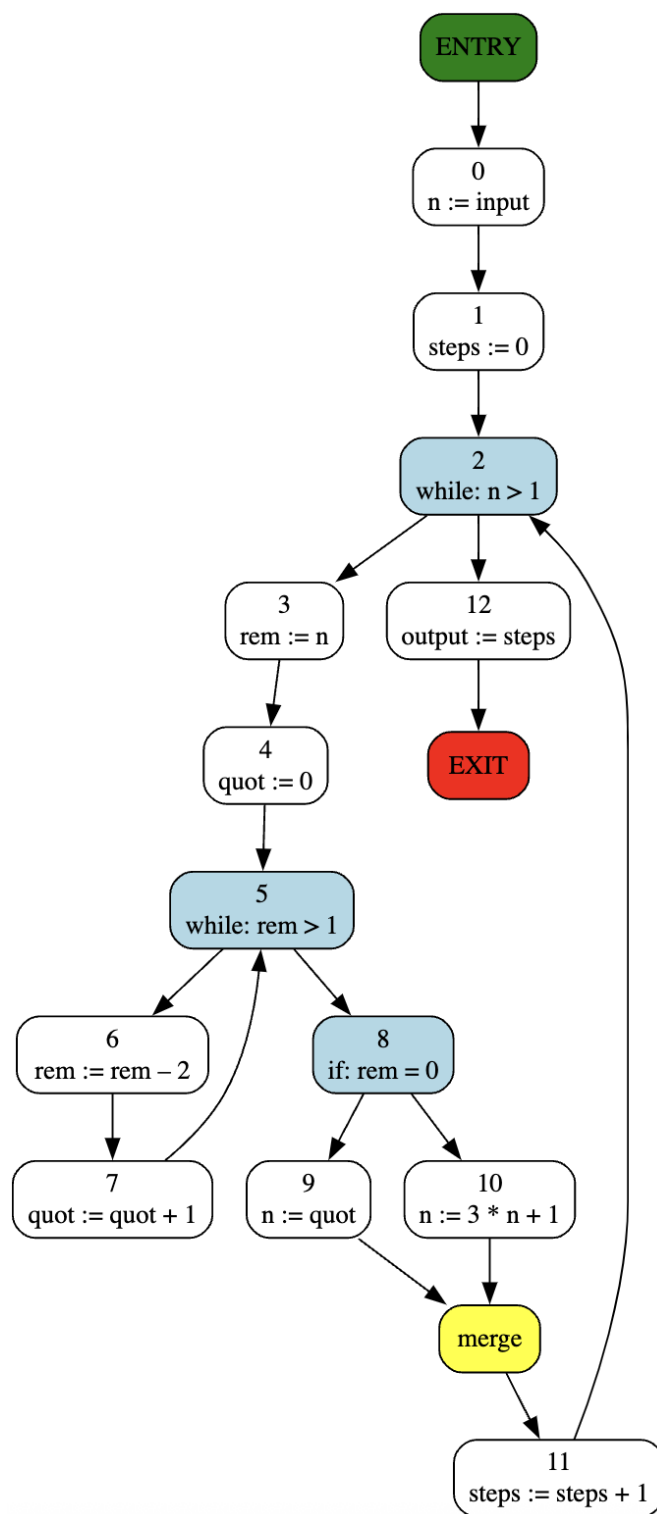


Figure 2: Compiler-generated control flow graph (CFG) for the `example6-collatz.while` program.

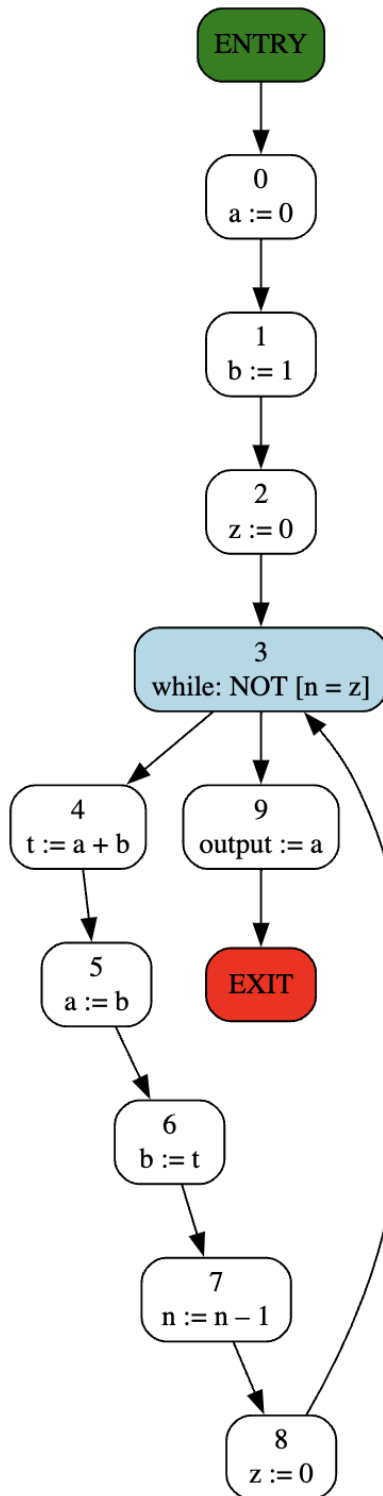


Figure 3: Compiler-generated control flow graph (CFG) for the `example13-fibonacci.while` program.

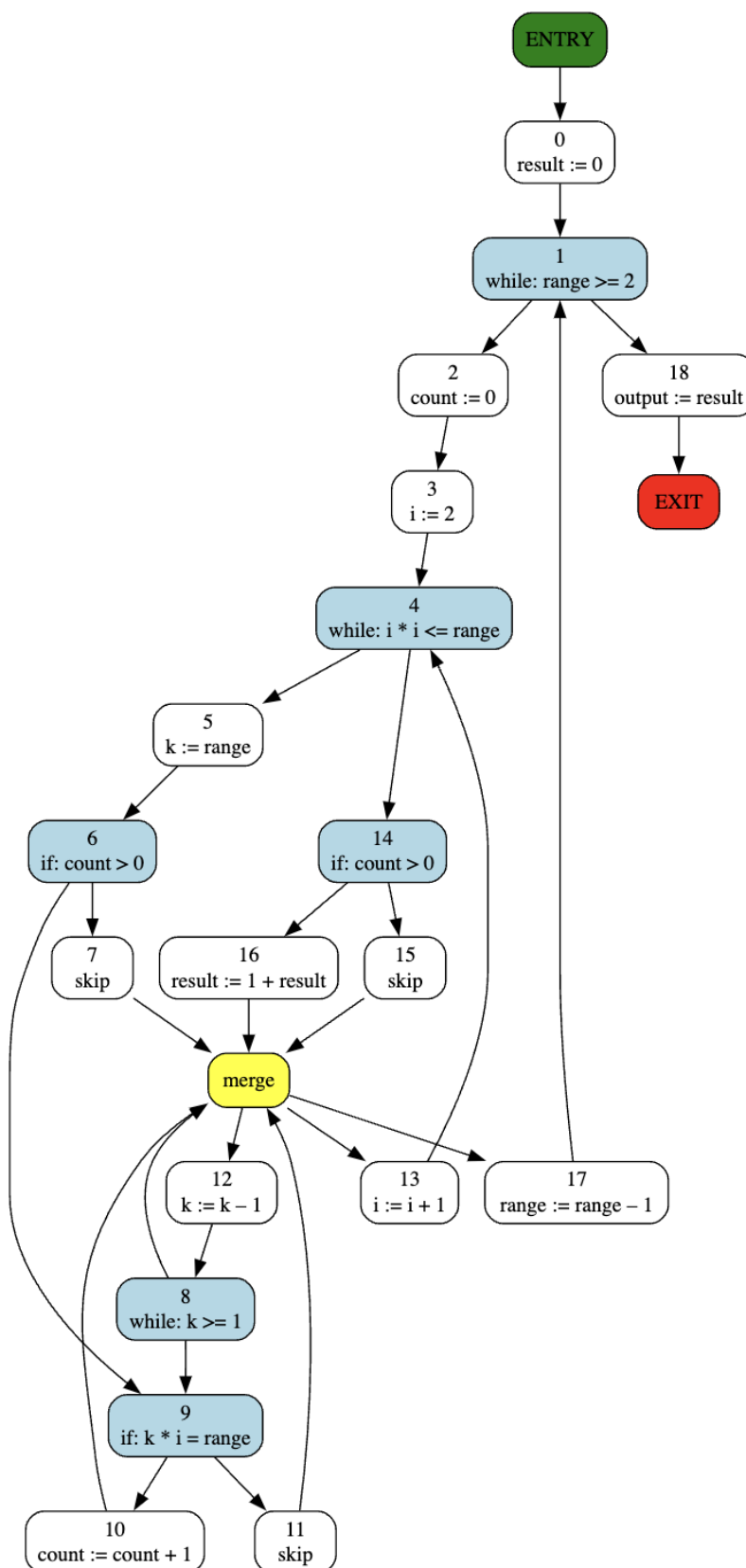


Figure 4: Compiler-generated control flow graph (CFG) for the `primescounter.while` program.