

# Valgrind Lab - Instructor Answer Key

Sample Answers:

Part 1:

1. gcc -g -O0 program.c -o program
2. valgrind --leak-check=full ./program
3. --leak-check=full --track-origins=yes

Part 2:

Program 1: bad\_access.c -> Bug: Out-of-bounds array write

Program 2: memory\_leak.c -> Bug: Memory leak (missing free)

Part 3:

Most common issues: Memory leaks and invalid access.

Challenges: Large Valgrind output to analyze.

Confidence: Confident