

# Code Optimization

Introduction to Code Optimization

Code Optimizations: Copyright Notice and Introduction

Optimizer Quiz

Optimization Efforts Quiz

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The Optimizer

The Optimizer Role

Code Redundancy Quiz

Redundancy Elimination

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Local Value Numbering: The Algorithm

Local Value Numbering: An Example Part 1

Local Value Numbering: An Example Part 2

Local Value Numbering: Algorithm

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LVN Quiz

Control Flow Graph Quiz

Optimization Scope

The Fairy Tale

Super Local Value Numbering: A Regional Technique

Soper Local Value Numbering

SSA Name Space

SVN Algorithm Part 1

SVN Algorithm Part 2

SVN Quiz