

# Pipelining

Introduction

Pipelining in a Processor

Laundry Pipelining Quiz

Instruction Pipelining Quiz

Pipeline CPI

Processor Pipeline Stalls

Processor Pipeline Stalls and Flushes

Control Dependencies

Control Dependence Quiz

Data Dependencies

Data Dependencies Quiz

Dependencies and Hazards

Dependencies and Hazards Quiz

Handling of Hazards

Flushes - Stalls - Forwarding Quiz

How Many Stages

Conclusion