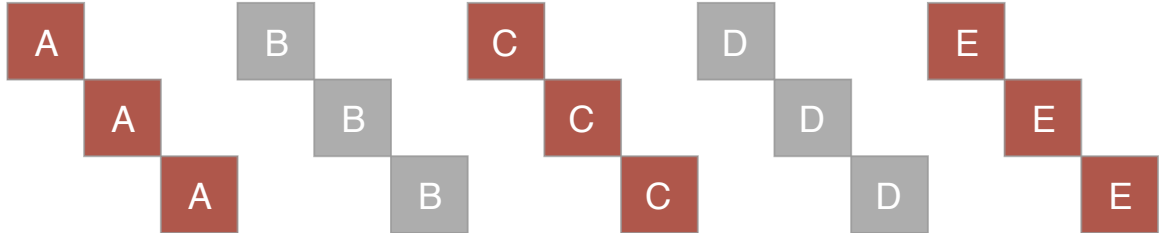


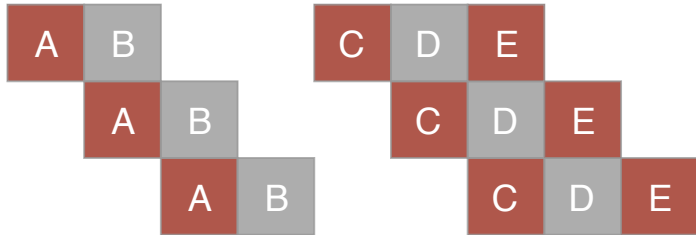
Sequential

Operand Fetch
Execute
Commit



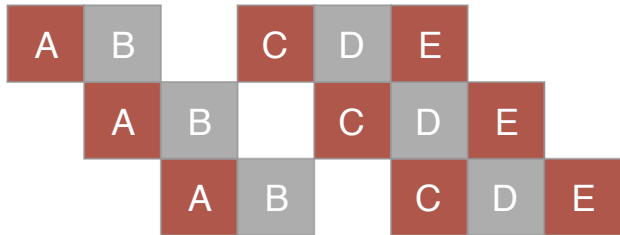
Pipelining

Operand Fetch
Execute
Commit



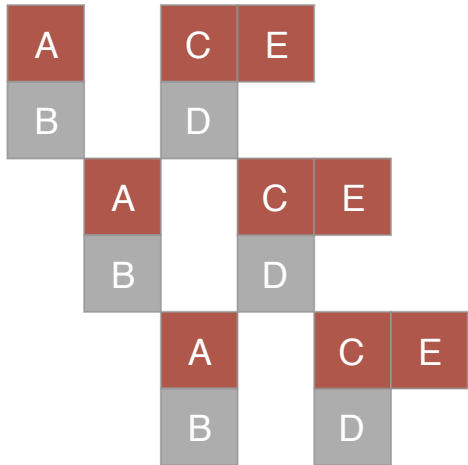
Forwarding

Operand Fetch
Execute
Commit



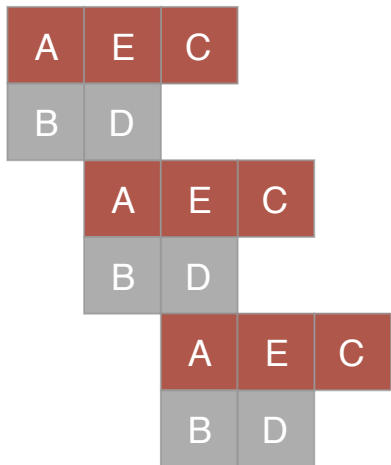
Superscalar

Operand Fetch
Execute
Commit



Out-of-order

Operand Fetch
Execute
Commit



time →