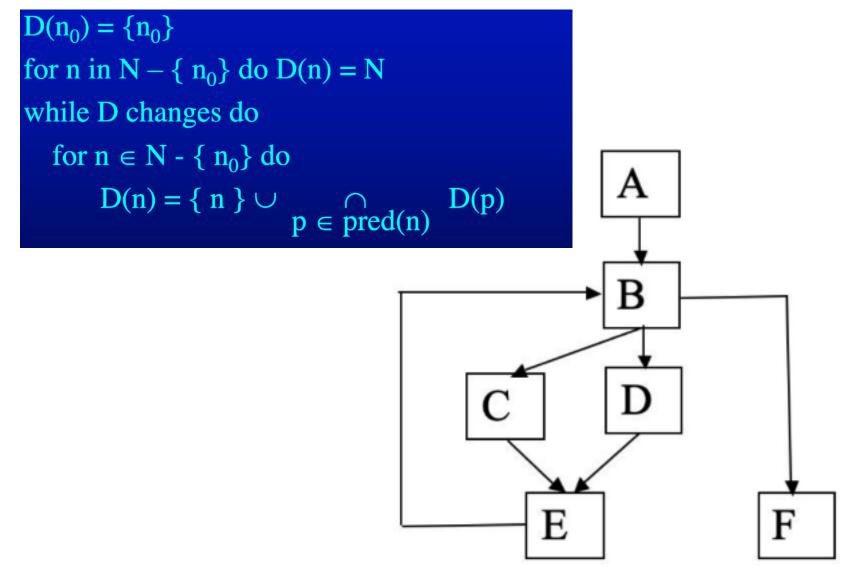
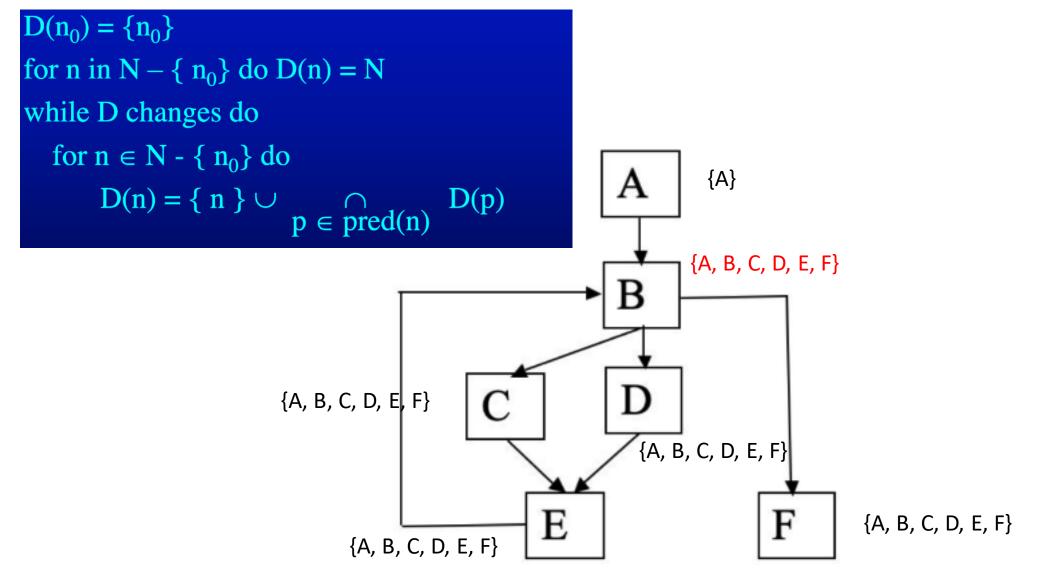
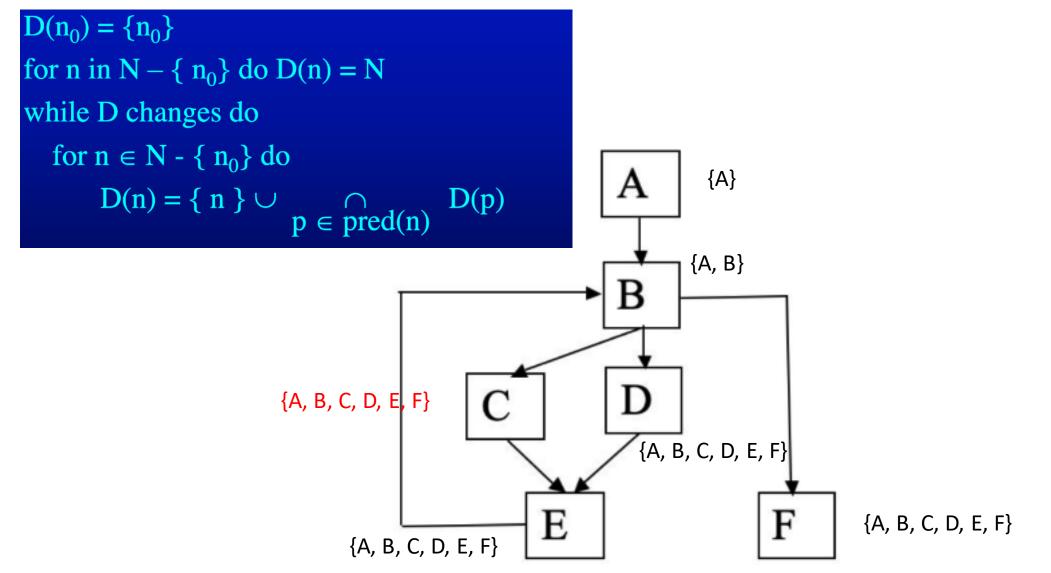
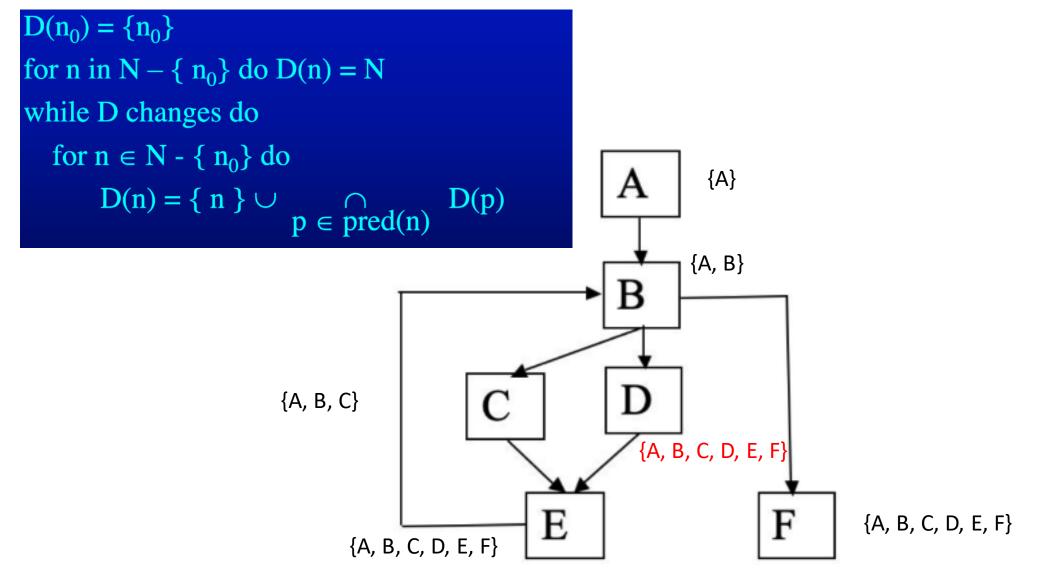
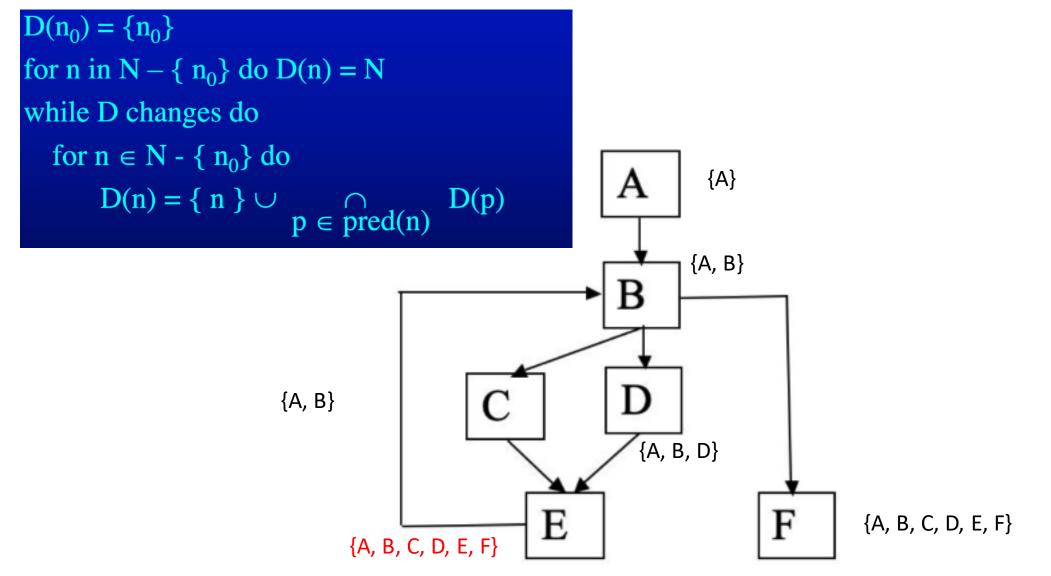
Mini Quiz 22

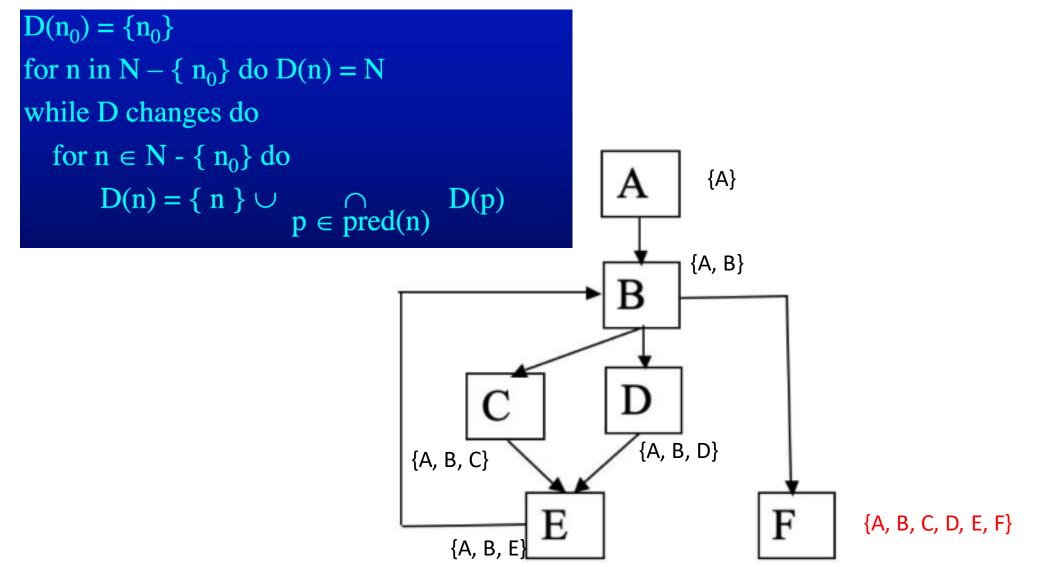


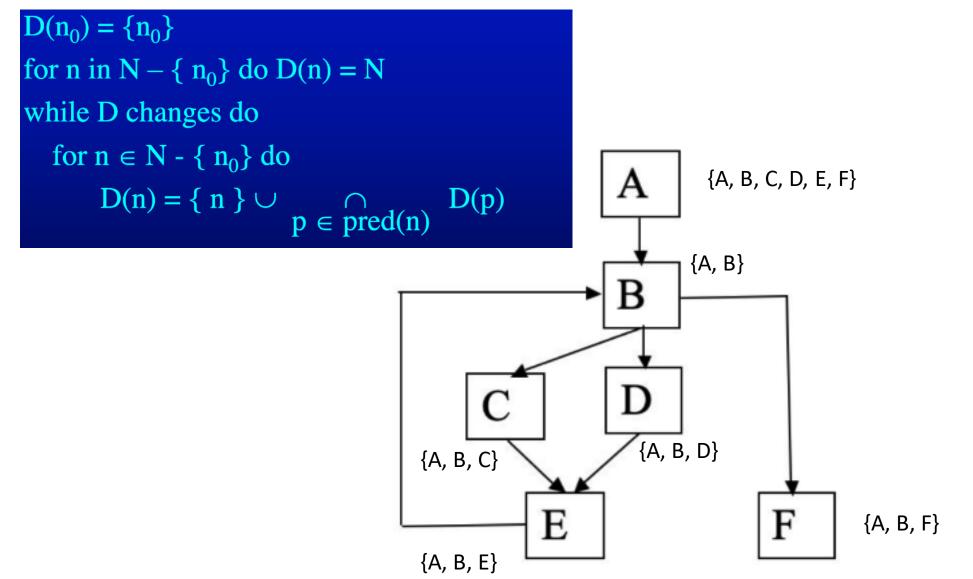








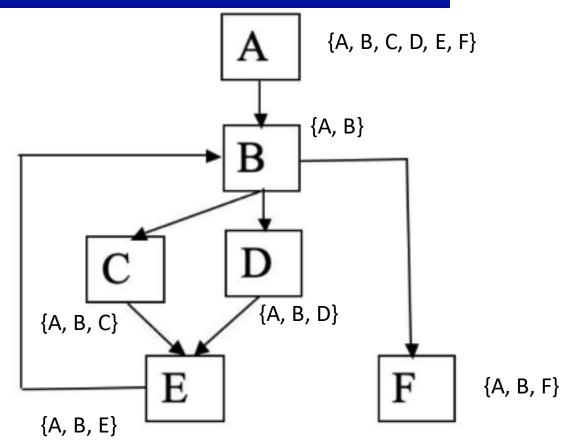




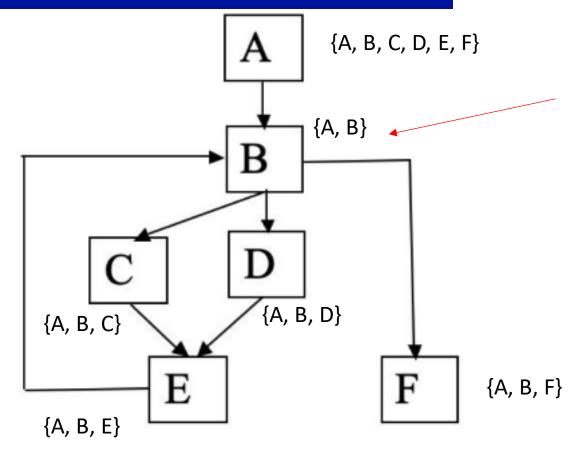
Defining Loops

- Unique entry point header
- At least one path back to header
- Find edges whose heads dominate tails
 - These edges are back edges of loops
 - Given back edge n→d
 - Loop consists of n, d plus all nodes that can reach n without going through d
 (all nodes "between" d and n)
 - d is loop header

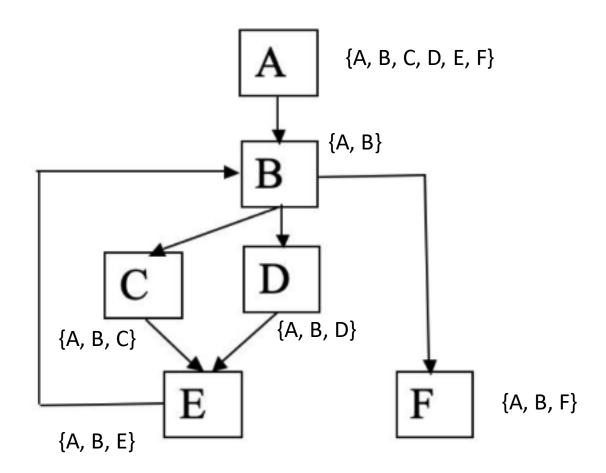
- Unique entry point header
- At least one path back to header



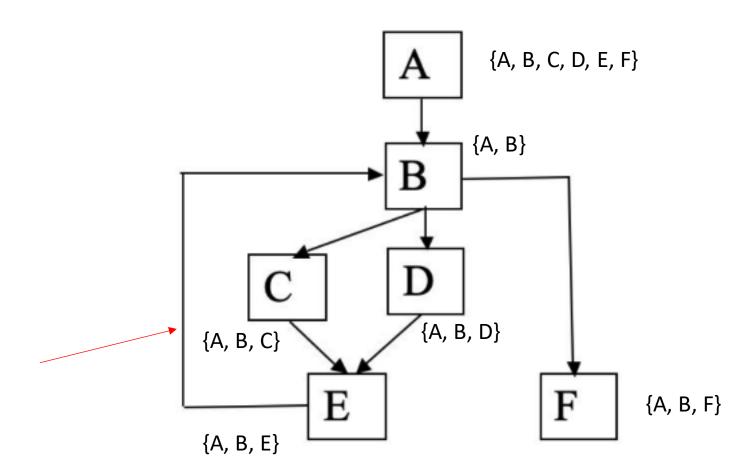
- Unique entry point header
- At least one path back to header



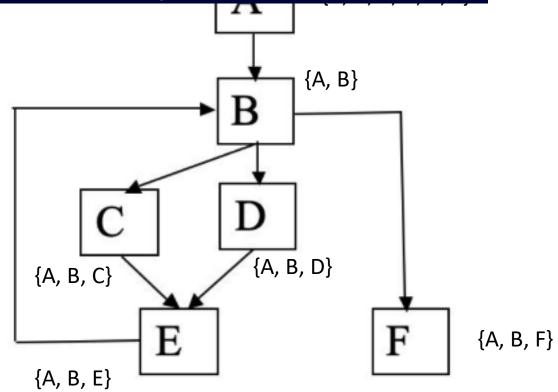
• Find edges whose heads dominate tails



• Find edges whose heads dominate tails



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 (all nodes "between" d and n)



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