Full credit Answers:

1) Variables : { Cisco, Amazon, Google, Netflix, Salesforce }

Domains : { John, Bob, Suresh }

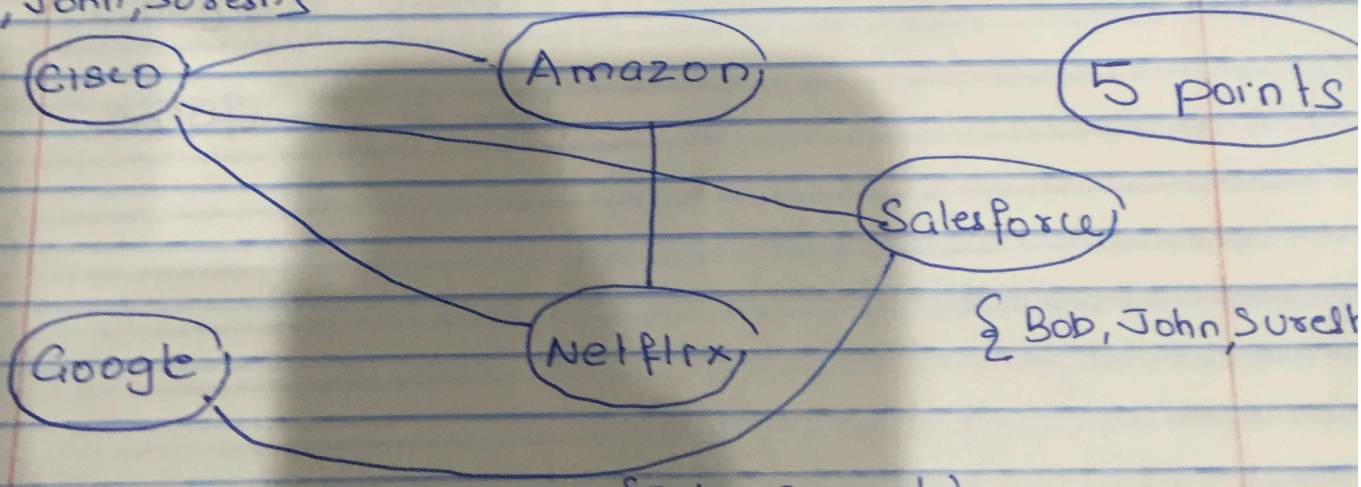
2) Constraints : 5 points

1) Cisco ≠ Amazon
2) Cisco ≠ Netflix
3) Cisco ≠ Salesforce.
4) Amazon ≠ Netflix.
5) Google ≠ salseforce.

Constraint Graph:

{Bob, John, Suresh}

{ [redacted] Suresh }



Arc Consistency.

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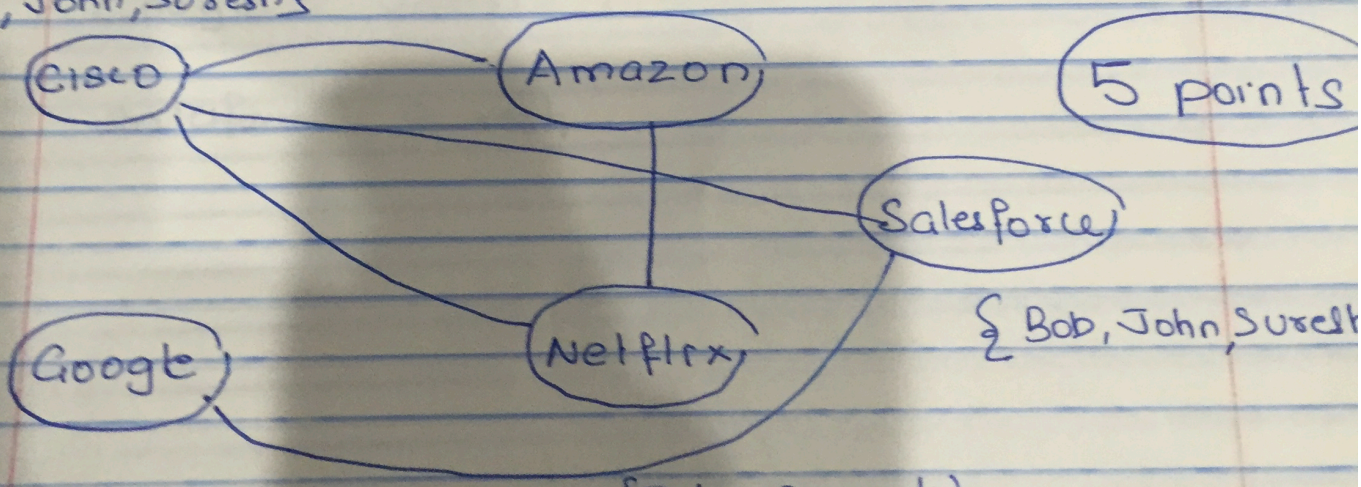

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