

Full c Constraint Satisfaction Problem:

You are in charge of Hotel Management Reservation

Do you have a system. There is a particular day on which the seminar halls of the hotel are pretty busy. The seminars need few technical support staff from the hotel. Not all technical staff are capable of supporting all technical seminars.

Cisco :- 6.15 - 6.45 pm

Amazon:- 6.15 - 6:30 PM

Google :- 6.45 - 7:15 pm

Netflix :- 6:00 - 6:30 pm

Salesforce :- 6:30 - 7:00 pm

Possible Technicians

- 1) John can handle everybody except Amazon
- 2) Bob can handle Cisco and Salesforce
- 3) Suresh can handle all of them.

Possible Questions

- 1) What are the possible variables and Domains and show constraints.
- 2) Representation of constraint Graph.
- 3) Please Run Arc-consistency AC3 algorithm and Represent the output
- 4) Give a solution to CSP.