**CSP** 

Monday, September 26, 2016 9:32 AM

Constraint Satisfaction

- Find a state config that doesn't violate coordinate

(non-squential)

- State: A set of variables X, , Xz, Yz; " Yn pach of which can take a different vale

- Domain! Each varieth X; has a corresponding set of values it can take D;

- Constraint: (1, (2, 1... (n each involving a number of variables & specifing legal values

- Solution' An assignment of values to variables

{ X; = V; X; = V, ...}

You don't know the goal -> Not Ax (Not sequential)

Not hill-climbing -> obesit gravantee apprimal solution

You have to find the optimal solution

