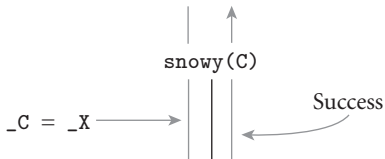


```

rainy(seattle).
rainy(rochester).
cold(rochester).
snowy(X) :- rainy(X), cold(X).

```

Original goal



Candidate clauses

`snowy(X)`

AND

Subgoals

`X = seattle`

`rainy(X)`

OR

`cold(seattle)`  
fails; backtrack

`cold(X)`

Candidate clauses

`rainy(seattle)`

`rainy(rochester)`

`cold(rochester)`

`X = rochester`

