

edge(x\_1,x\_2)=there is an edge from x\_1 to x\_2

color(x,c) = node x has color c

imperative programming -> all languages up to this point (say exactly how to get an answer)

declarative – say what an answer looks like

|-> Let the language search for the answer for you

A\_1^……A\_n => B\_1 or …. Or B\_n

|\_\_\_\_\_\_\_\_\_\_\_\_\_| |\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|

if you prove to one of this will be true

me all of there

But which one?

Definite horn clause

A\_1&^…^A\_n=>B

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|

You want to show B?

Just show me A\_1, …, A\_n instead

SUDOKU  
Row – Column - Square