

input:  $\{x = 2, y = 6\}$



symbol:  $\alpha_x$

B1

true

$(x < 5)$



constraint:  
 $\alpha_x < 5$

B2

true

$(x > 1)$

false



constraint:  
 $\alpha_x > 1$

B4

B5

how to execute  
B5?



solve constraints:  
 $\{\alpha_x < 5, \alpha_x \leq 1\}$



solution:  
 $\alpha_x = 1$



new input:  
 $x = 1, y = 6$

B6