

CFG with Analysis Result for example

1

$b \rightarrow [-\text{inf}, \text{inf}]$, $c \rightarrow [-\text{inf}, \text{inf}]$, $a \rightarrow [-\text{inf}, \text{inf}]$

2

$b \rightarrow [-\text{inf}, \text{inf}]$, $c \rightarrow [-\text{inf}, \text{inf}]$, $a \rightarrow [-\text{inf}, \text{inf}]$

$a = 3$

$b \rightarrow [-\text{inf}, \text{inf}]$, $c \rightarrow [-\text{inf}, \text{inf}]$, $a \rightarrow [3, 3]$

$b = \text{add}(a, 1)$

$b \rightarrow [4, 4]$, $c \rightarrow [-\text{inf}, \text{inf}]$, $a \rightarrow [3, 3]$

$c = 15$

$b \rightarrow [4, 4]$, $c \rightarrow [15, 15]$, $a \rightarrow [3, 3]$

3

$b \rightarrow [4, 4]$, $c \rightarrow [15, 15]$, $a \rightarrow [3, 3]$