



BACKWARD SUBSTITUTION



EXAMPLE:

$x := z - 43$
 $\{x > y + 7\}$

The post condition is

$\{x > y + 7\}$

We substitute x by $(z - 43)$
and obtain

$\{z - 43 > y + 7\}$

So the pre condition is

$\{z > y + 50\}$