Inference at $*$ 1
of proof for Lemma assert_of_eq_int:

1. $x : \mathbb{Z}$
2. $y : \mathbb{Z}$
3. $\uparrow(x =_0 y)$

$\vdash x = y$

by Unfolds "eq_int" 3

1:

3. $\uparrow$if x=y then tt else ff

$\vdash x = y$

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