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

1. x : Atom
2. y : Atom
3. $\uparrow$if x=y then tt else ff
4. $x = y$

$\vdash$ $x = y$

by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)

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