

Inference at * 1 1
of proof for Lemma assert_of_eq_atom:

```
1. x : Atom
2. y : Atom
3. ↑if x=y then tt else ff
4. x = y
⊢ x = y
  by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)

.
```