

Inference at \* 1 1 1  
of proof for Lemma assert\_of\_eq\_int:

```
1. x : ℤ
2. y : ℤ
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)
.
```