

Inference at * 2
of proof for Lemma assert_of_lt_int:

```
1. x : ℤ
2. y : ℤ
3. x < y
⊢ ↑x < z y
  by (((Unfold 'lt_int' 0)
    CollapseTHEN (RWH (ReduceThenC (Auto_aux (first_nat 1:n
      ) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)) 0))-)
    CollapseTHEN (
      (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:
  ⊢ ↑tt
.
```