

Inference at * 1 1
of proof for Lemma `decidable_equal_int_seg`:

```
1.  $i : \mathbb{Z}$ 
2.  $j : \mathbb{Z}$ 
3.  $x : \{i..j^-\}$ 
4.  $y : \{i..j^-\}$ 
5.  $x = y$ 
 $\vdash (x = y) \vee (\neg(x = y))$ 
  by ((Sel 1 (D 0))
      CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat
        3:n)) (first_tok :t) inil_term))).
```