```
imax_com  THM

⊢  ∀a,b:ℤ. imax(a;b) = imax(b;a)  by Auto
|
1. a : ℤ
2. b : ℤ
⊢  imax(a;b) = imax(b;a)  by Decide: a≤b THEN ElimImaxmin Auto 0
|
|\
| 3. a≤b
| ⊢  b = b  by Trivial
|
.\
. 3. ¬a≤b
. ⊢  a = a  by Trivial
END
```