```
sfa_doc_sqtype_ctr_example_part1  THM

⊢  ¬((λn.n<₂0) ∼ (λn.false₂))
| by SimilarTo: ¬(λn.n<₂0) = (λn.false₂) ∈ ℤ→𝔹
|
|\
| .....assertion .....
| ⊢  ¬(λn.n<₂0) = (λn.false₂) ∈ ℤ→𝔹
| | by SimilarTo: ¬(-1<₂0) = false₂ THENA Reduce Concl
| |
| |\
| | ⊢  ¬true₂ = false₂
| |   by Thm* ¬true₂ = false₂    {btrue_neq_bfalse}  Asserted
| |
| .\
| . 1. (λn.n<₂0) = (λn.false₂) ∈ ℤ→𝔹
| . ⊢  (-1<₂0) = false₂
| .   by ApFun: (λn.n<₂0) = (λn.false₂) ∈ ℤ→𝔹 to: -1 ∈ ℤ
|
.\
. 1. (λn.n<₂0) ∼ (λn.false₂)
. ⊢  (λn.n<₂0) = (λn.false₂) ∈ ℤ→𝔹
.   by SqSubstInConcl ((λn.n<₂0) ∼ (λn.false₂))
END
```