```
less_less_cases  THM

⊢  ∀m,n:ℕ. m = n ∨ m<n ∨ n<m
  by RewriteOfThm
     Thm* all
          (λm:hnum. all(λn:hnum. or(equal(m,n),or(lt(m,n),lt(n,m)))))
     {hless_less_cases}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```