```
length_append  THM

⊢  ∀as,bs:T List. ||as @ bs|| = ||as||+||bs||  by UnivCD
|
1. T : Type
2. as : T List
3. bs : T List
⊢  ||as @ bs|| = ||as||+||bs||  by ListInd 2 THEN AbReduce 0
END
```