## Proof - Q4 [Problem/E](10/7/21)

Prove that $E^{\prime} \Rightarrow L^{\prime}$ is equivalent to $L \Rightarrow E$

## Solution

Suppose that L is true \& E is not true; then $E^{\prime} \Rightarrow L^{\prime}$ means that L is not true; ie a contradiction; hence $L \Rightarrow E$

