Chapter 1

Library uncurry

Axiom *classic*: ∀ *P*: Prop, $P \backslash / ~ P$.
Theorem *Peirce*: ∀ *A B*:Prop, (($A{\rightarrow}B$)->A)->A.
Proof.
  intros.
  assert ($A \backslash / ~ A$) by (apply *classic*).
  destruct *H0* as [*H1* | *H2*].
  exact *H1*.
  apply *H* .
  intros.
  contradiction.
Qed.

Print *Peirce.*