## Timing Diagram for $Clk$
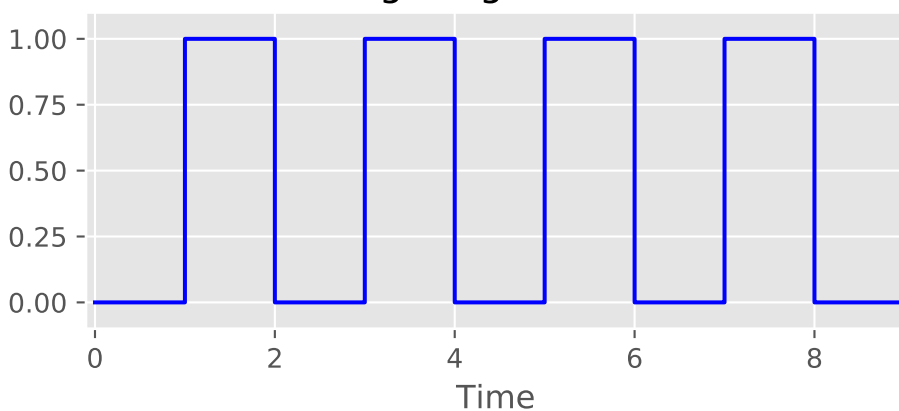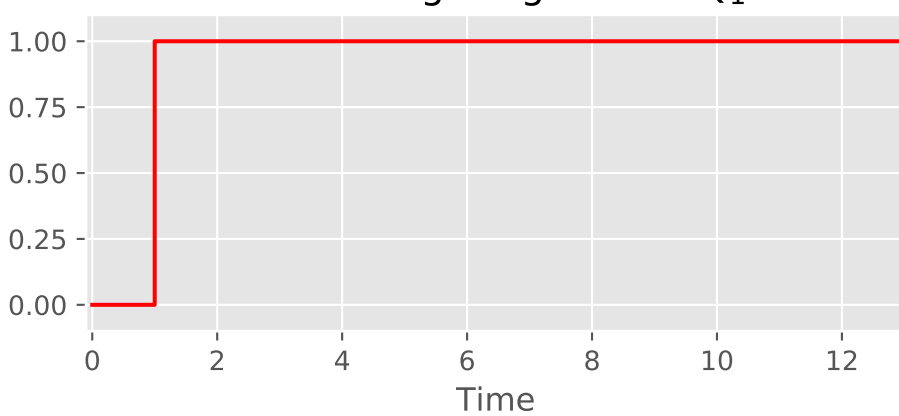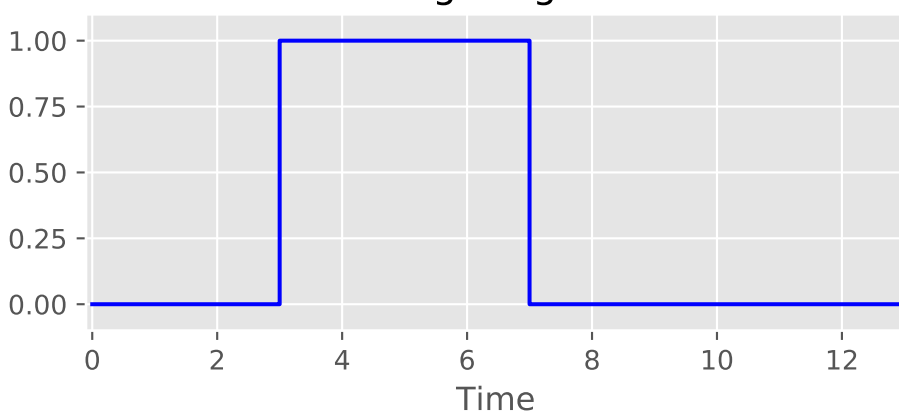
## Let Timing Diagram for $Q_1$

## Let Timing Diagram for $S$

## Then Timing Diagram for $Q_2$