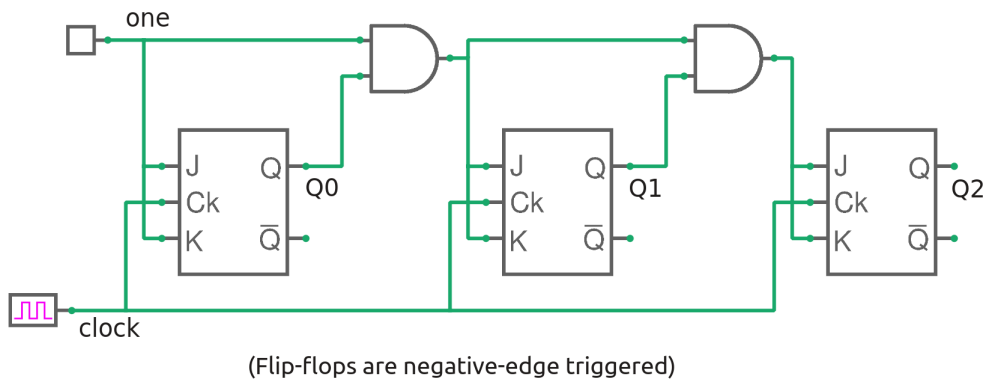


## ee101\_counter\_4.sqproj



This example illustrates the working of a counter made up of JK flip-flops.

### Exercise Set

1. Assuming that all flip-flops are originally reset, sketch the outputs  $Q_0$ ,  $Q_1$ ,  $Q_2$  as a function of time. Verify with simulation.
2. What is the advantage of this configuration as compared to the binary ripple counter?