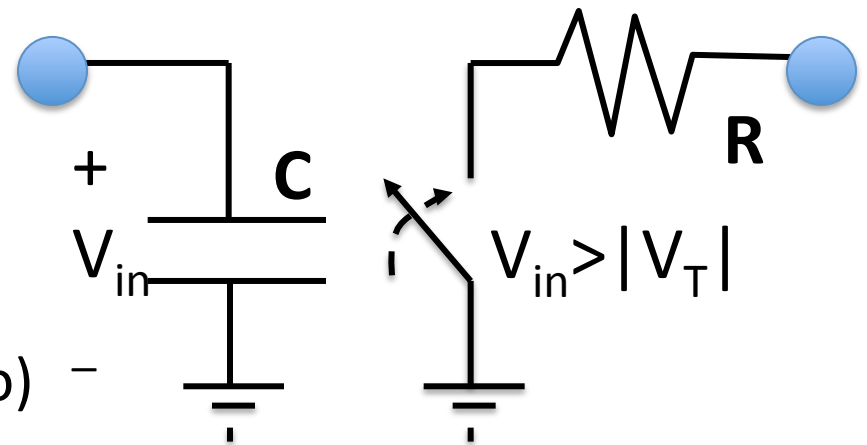


The digital world deals with “1” and “0” so...why do we need to consider the amplification of signals? (What does amplification mean and why do we need it?)

What does an amplifier do and how does it work?

Suppose the world only had ideal switches with series resistance as shown. How would that work from a digital time-domain perspective? (Explain what your amplifier would do)



What would you do if we want to amplify current? (How would you do it?)