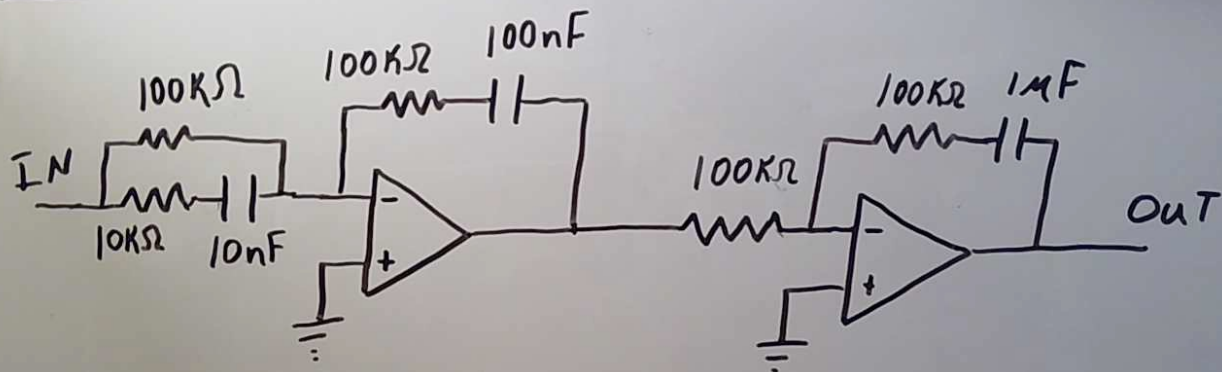
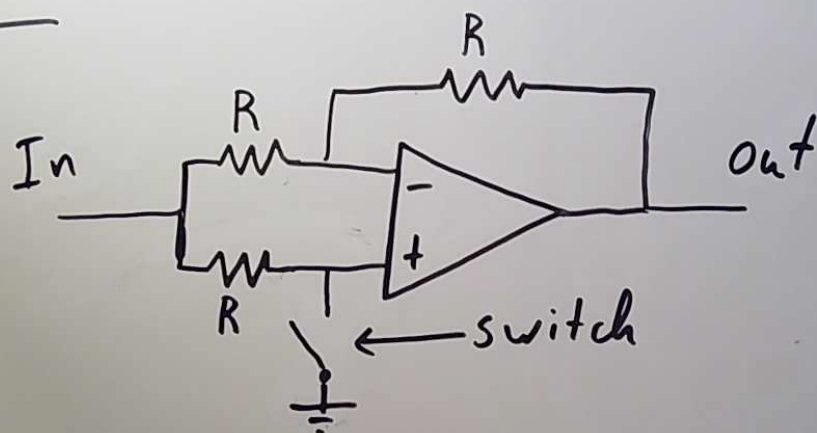


Prob 1



Find the transfer function and draw the Bode plot (by hand). There are 5 regions separated by 4 transition frequencies $\omega_t = \frac{1}{RC}$. Clearly label each. Plot over $1 \text{ rad/s} < \omega < 1 \text{E}5 \text{ rad/s}$

Prob 2



Find the transfer function—both for the switch open and closed.
Please describe how this circuit might be useful.