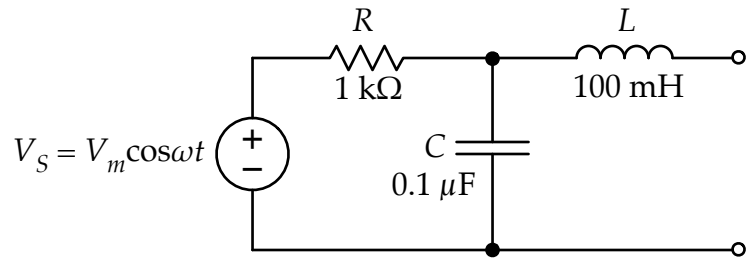


Find the Thevenin equivalent of the circuit at right. For the source, $V_m = 10$ V, and $\omega = 5000$ rad/s. Sketch the Thevenin equivalent with the correct value of inductor or capacitor for the reactance of the equivalent impedance.



$\tilde{V}_{Th} =$ _____ ; $Z_{Th} =$ _____