Chapter 9, Solution 56.

$$50\,\mu F \quad \longrightarrow \quad \frac{1}{j\omega C} = \frac{1}{j377x50x10^{-6}} = -j53.05$$

$$60mH \quad \longrightarrow \quad j\omega L = j377x60x10^{-3} = j22.62$$

$$Z_{in} = 12 - j53.05 + j22.62\,//\,40 = \underline{21.692 - j35.91\ \Omega}$$