Q2 $G(s) = \dfrac{2(s+10)}{(s^2+2s+2)} = \dfrac{2(s+10)}{(s-(-1+j))(s-(-1-j))}$

Zero: -10

Polos Comp. Conj.: $(-1+j)$; $(-1-j)$ $\Rightarrow \begin{cases} \omega_n = \sqrt{2} \\ \xi = \sqrt{2}/2 \end{cases}$

$|G(j\omega)|_{dB} = 20\log_{10}(2\cdot 10) + \text{Polos} - \text{Zeros}$