Problem 1 (6 points)
Find $V_o$ and $I_o$ in the circuit shown below. Use the ideal opamp assumptions ($I_+ = 0$, $I_- = 0$, $V_+ = V_-)$.

*Hint*: You should be able to determine $V_o$ numerically before finding $I_o$.

![Circuit Diagram](image)

$V_o =$ \[ \text{__________} \] \hspace{1cm} I_o =$ \[ \text{__________} \]
Problem 2 (4 points)
Find \( V_{o1} \) and \( V_{o2} \) in the circuit shown below. Use the ideal opamp assumptions (\( I_+ = 0, I_- = 0, V_+ = V_- \)).