Homework #4:

1. Assume the diodes are both ideal. State whether D1 and D2 are forward biased or reverse biased and verify your results. Determine I through D1 and D2, and Vo.

2. Assume the diode is ideal. Let Rs = 1MΩ, R_L=2MΩ. Sketch and clearly label the voltage transfer characteristic \( v_o \) vs. \( V_s \).

4. Sedra & Smith: 3.2, 3.3, 3.12, 3.47