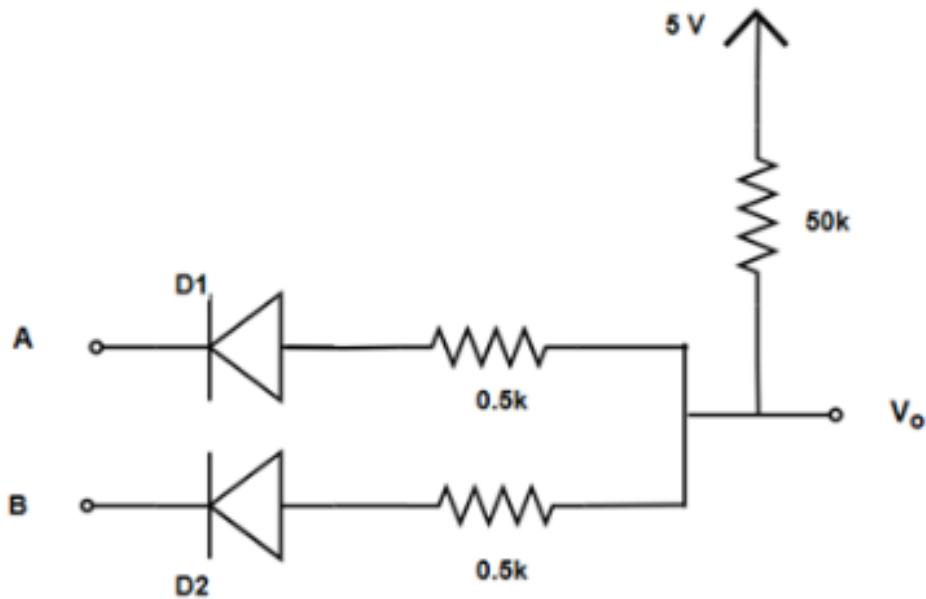


Assignment 1:

Answer the following questions from the given circuit. In this circuit input high logic and input low logic can be considered as 5 V and 0V. Diodes used in this circuit are Si diodes. You can use the Constant Voltage Drop model (conduction voltage 0.7 V) for analysis of diodes.



A(V)	B(V)	Output Voltage, V_o (V)	Dissipated Power(mW)

Complete the table and Calculate the average power dissipation.