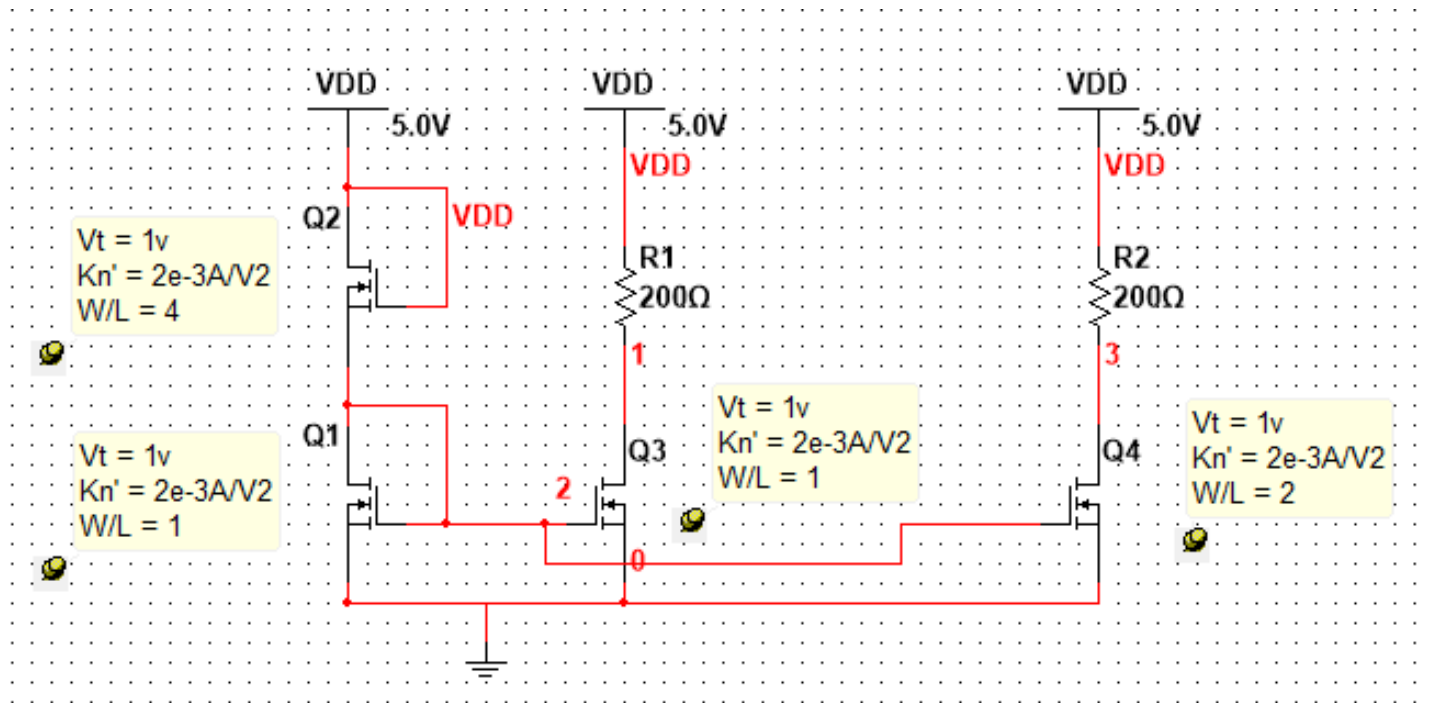


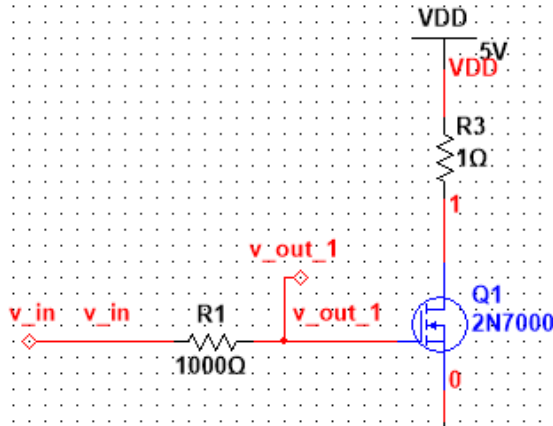


2 – Analysis: Calculate the currents in R1 and R2.

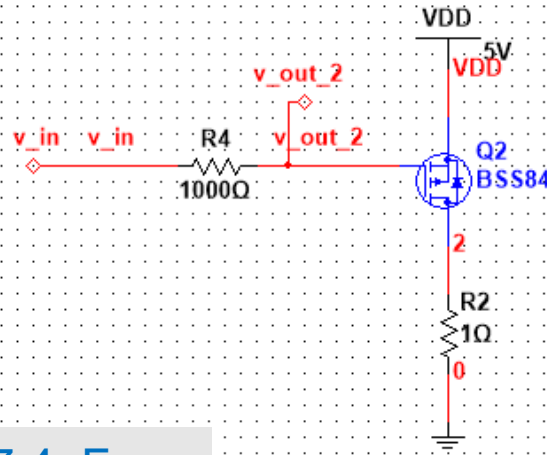
30pts



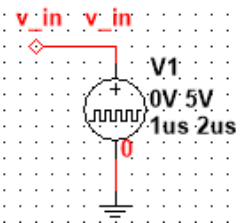
3 – Simulation: Calculate the input capacitance for the two MOSFETS  
 Hint: setup a step input and measure the RC rise at v\_out\_1 and v\_out\_2, use the result to estimate tau  
 30pts



44.3pF  
spec = <50pF



87.4pF  
spec = 73pF typ



delay = 0  
rise, fall = 1n  
width = 1u  
period = 2u



Title: HW5_Part3	
Desc.: Input Capacitance Estimate	
Designed by: tj	Revision:
Date: 3/31/2022	Size: