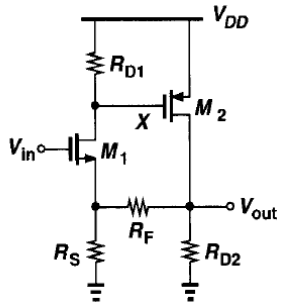
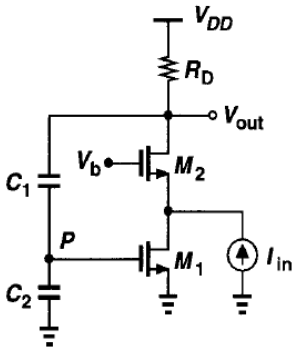
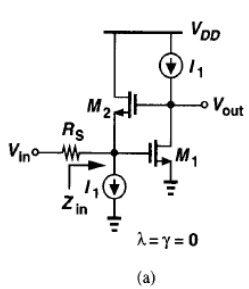
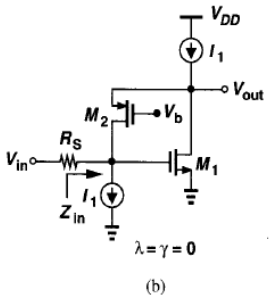
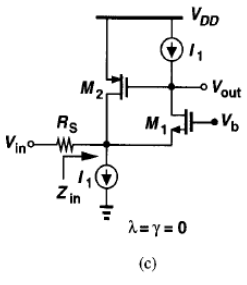
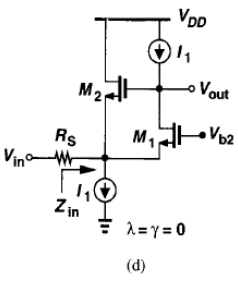
Assignment-6	EE204 - Analog Circuits	10th Mar 2018
Submission Deadline-17.00 19th Mar, 2018.	Submission Protocol: Drop hardcopy in the EE office	Comment: None

1.	Find out the open loop and closed loop gains for the following circuit. Assume λ=0. Identify the type of feedback. Identify the type of feedback. 
2.	Find out the open loop and closed loop gains for the following circuit. Assume λ=0. Identify the type of feedback. Identify the type of feedback. 
3.	Show that gain-bandwidth product remain constant for a negative feedback single pole amplifier.
4.	Make a table and list the following items a) gain, b) bandwidth, c) gain-bandwidth product, d) input impedance, and e) output impedance identifying whether they increase, decrease or remain same.
5.	Using feedback techniques, calculate input and output impedance and gain of each of the circuits. Assume λ=0.
	 (a)  (b)  (c)  (d)