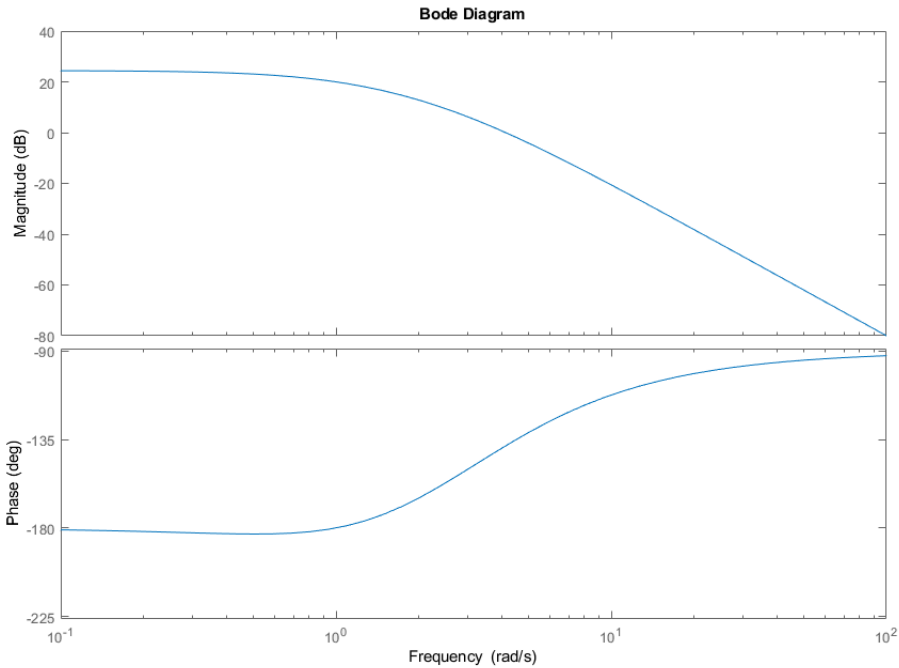
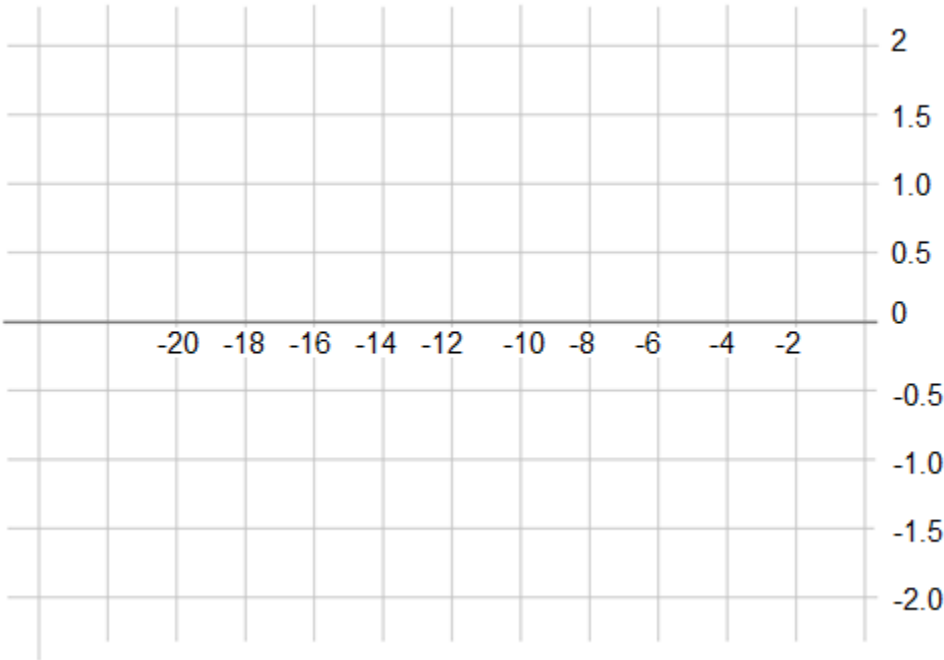


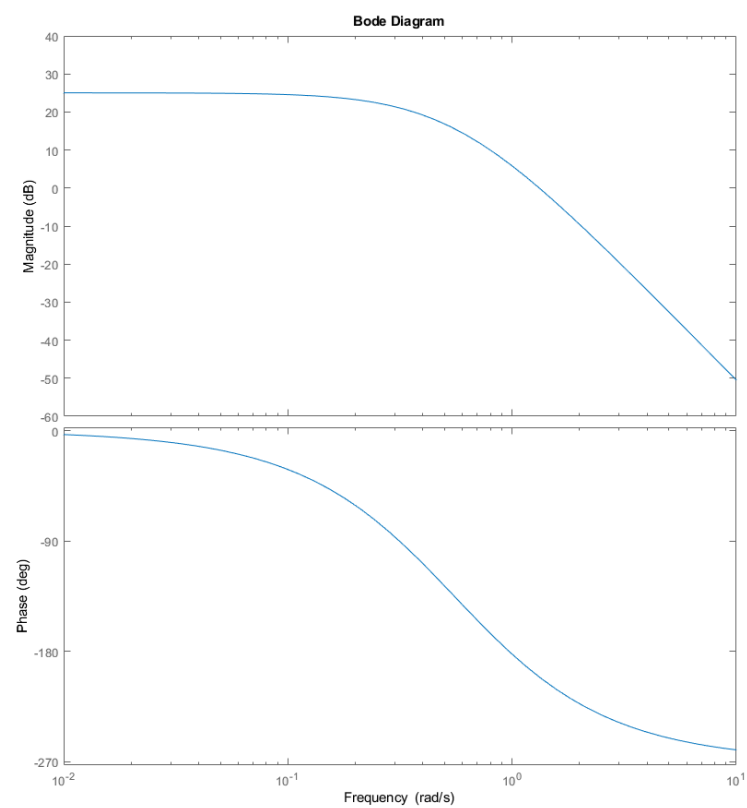
Find the Nyquist Plot for the following bode plot. The open loop has one poles in RHP, is the closed loop stable?



Freq (rad/s)	Mag (dB)	Mag	Phase= $\theta$	$X=Mag*\cos(\theta)$	$Y= Mag*\sin(\theta)$
0.01	25.4		-180		
0.1	25		-181		
0.3	24		-182		
0.5	23		-183		
0.8	21		-182		
1	20		-180		
1.3	18		-176		
2					
4					
10					



Find the Nyquist Plot for the following bode plot. The open loop is stable, is the closed loop stable?



Freq (rad/s)	Mag (dB)	Mag	Phase	X = Re{s}	Y = Im{s}
0.01					
0.1					
0.3					
0.7					
1			-182		
1.26					
5					

