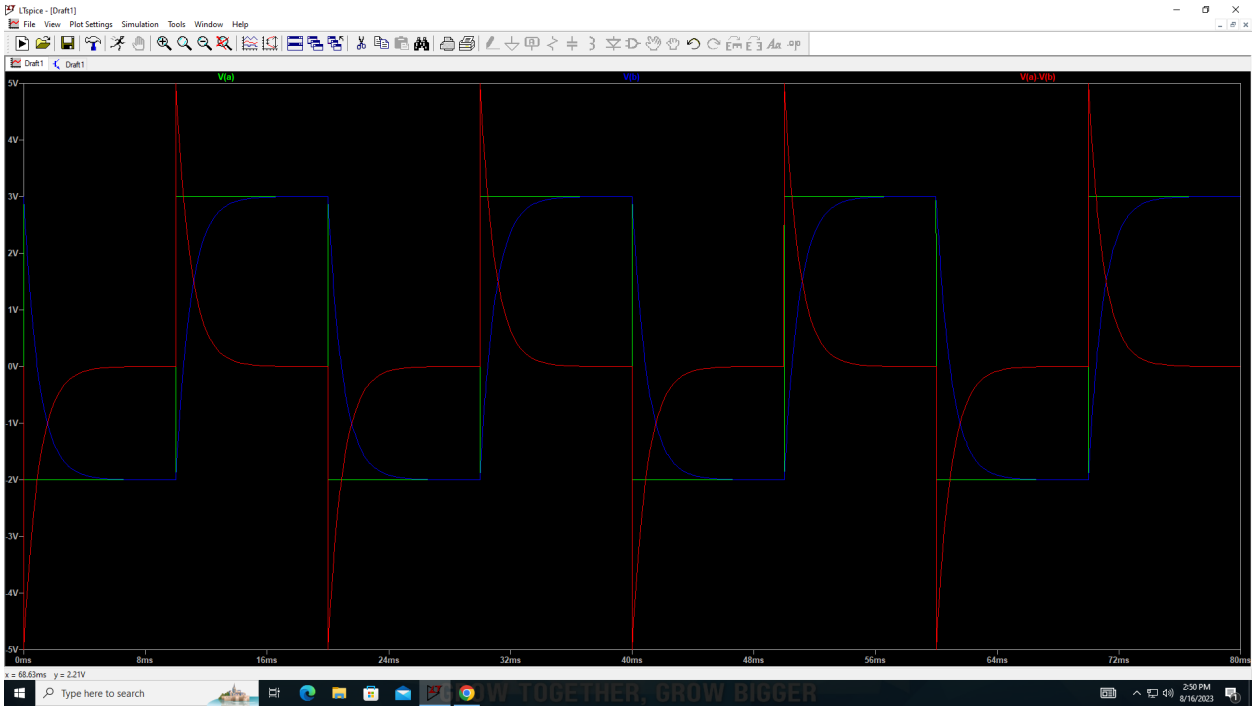
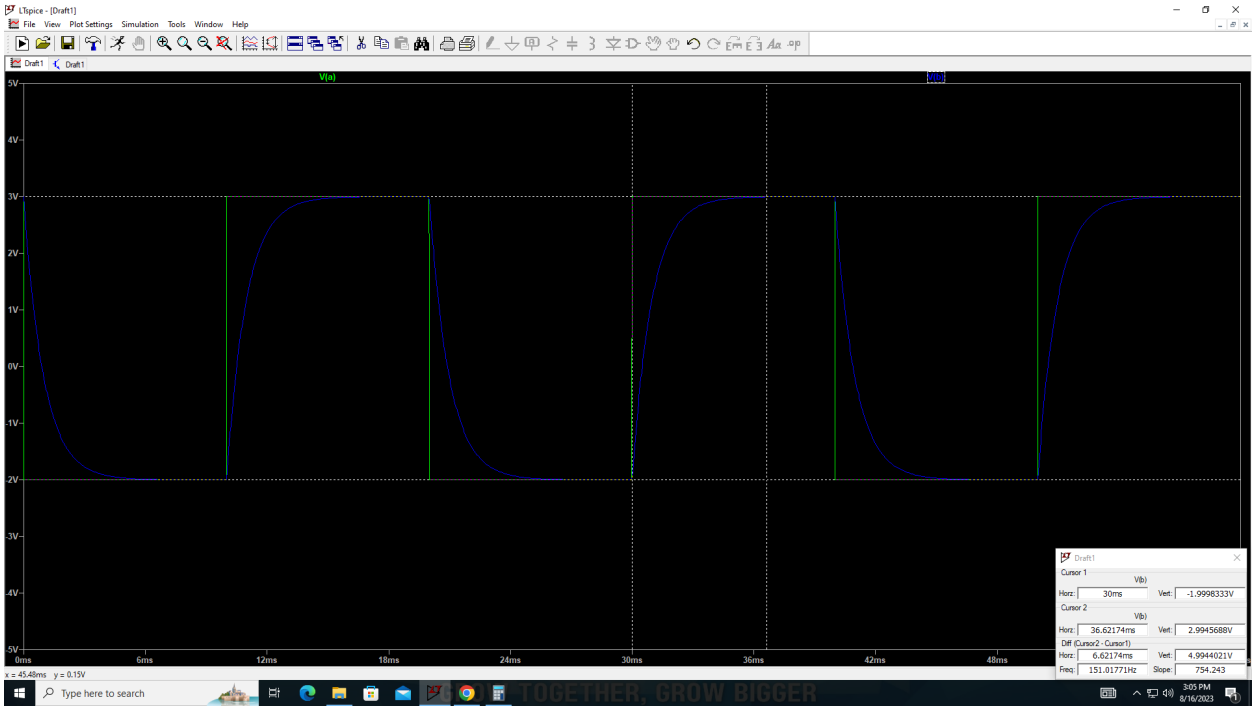
LAB-8

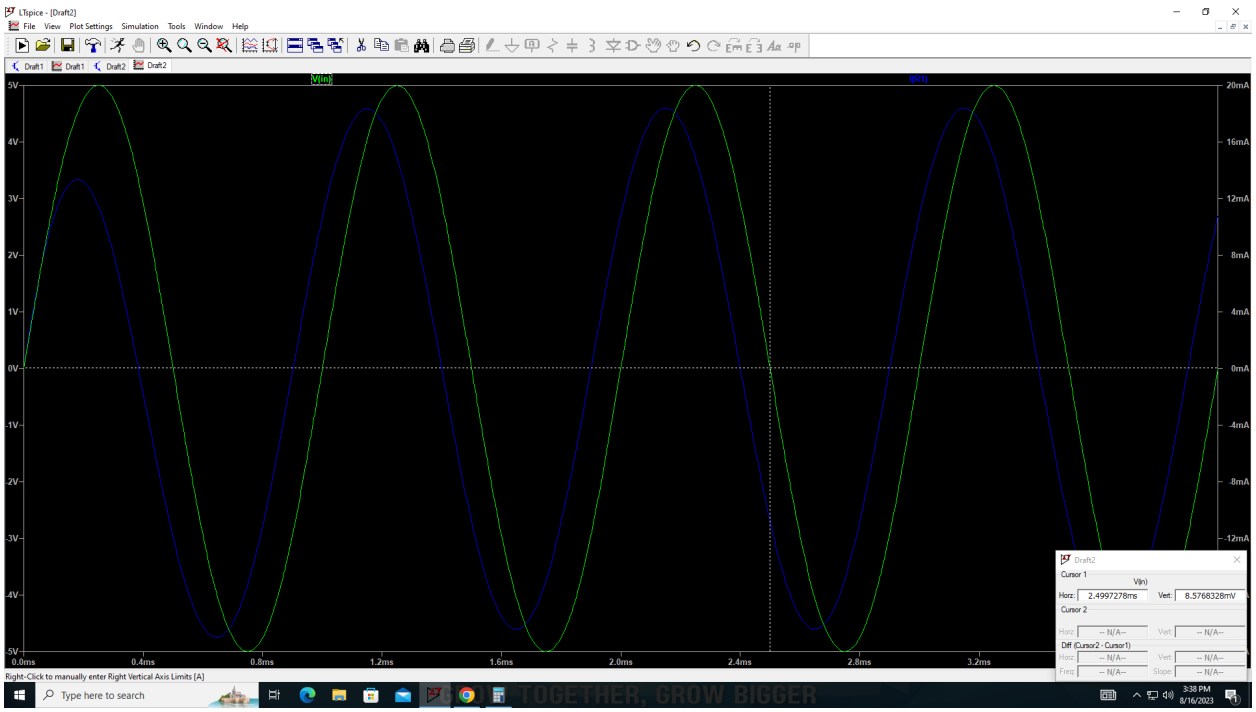




Time Difference= 36.62174-30
=6.62174

Time Constant= 36.62174

LAB-9



MAX:
I(R1)=18.406532mA
V(in)=4.9987232V

Time Difference:
T1(V(in))=2.4997278ms
T2(IR1))=2.3995645ms
tdiff =T1-T2= **0.1001633ms**

Phase Difference = tdiff * f * 360
=0.1001633s*1000*360
=36.058788 degree