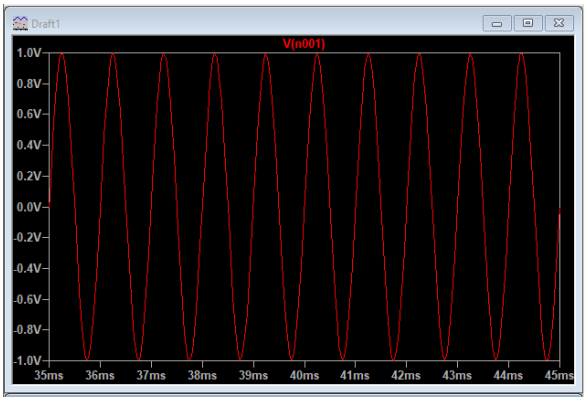
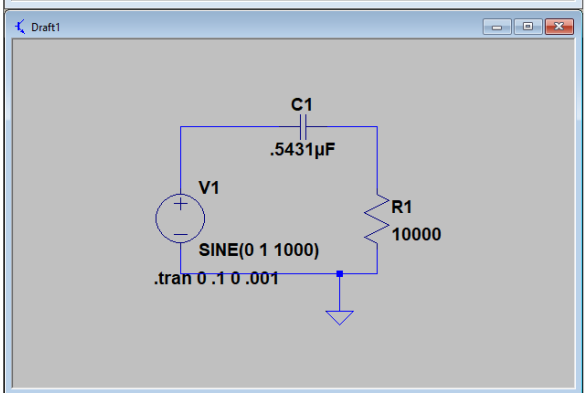
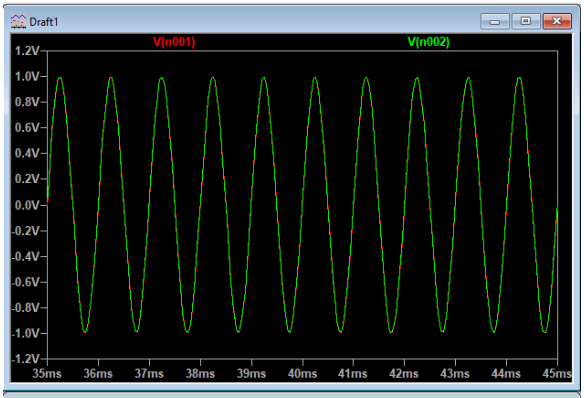
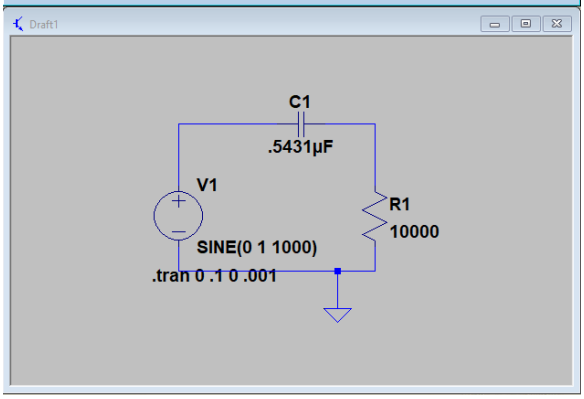
Before Capacitor:





After Capacitor: