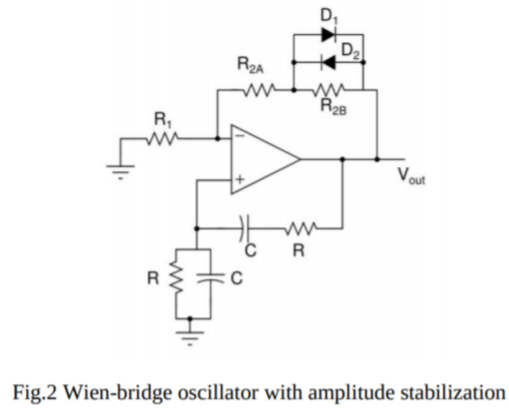
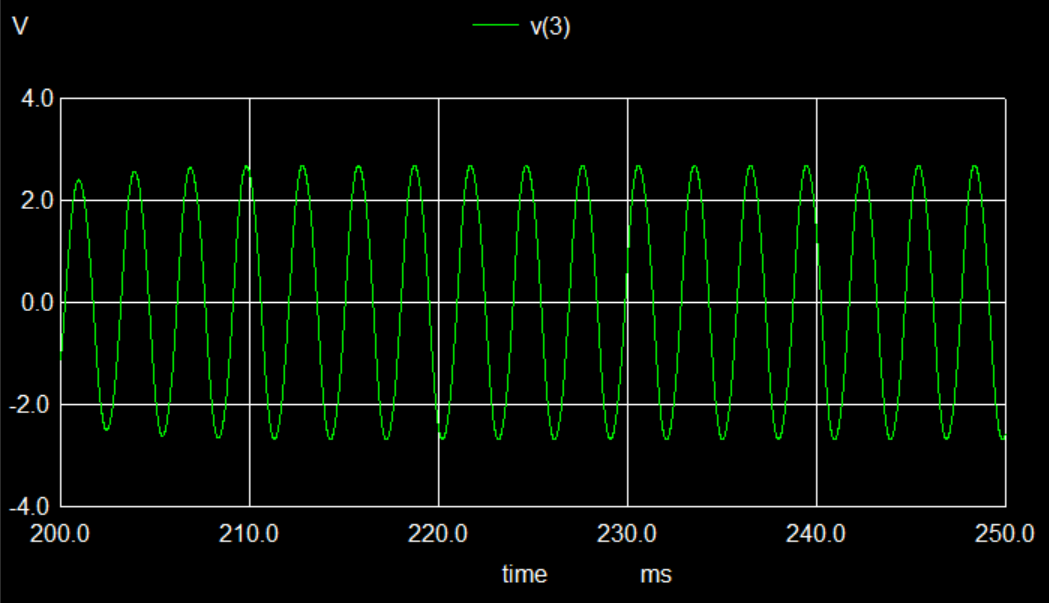
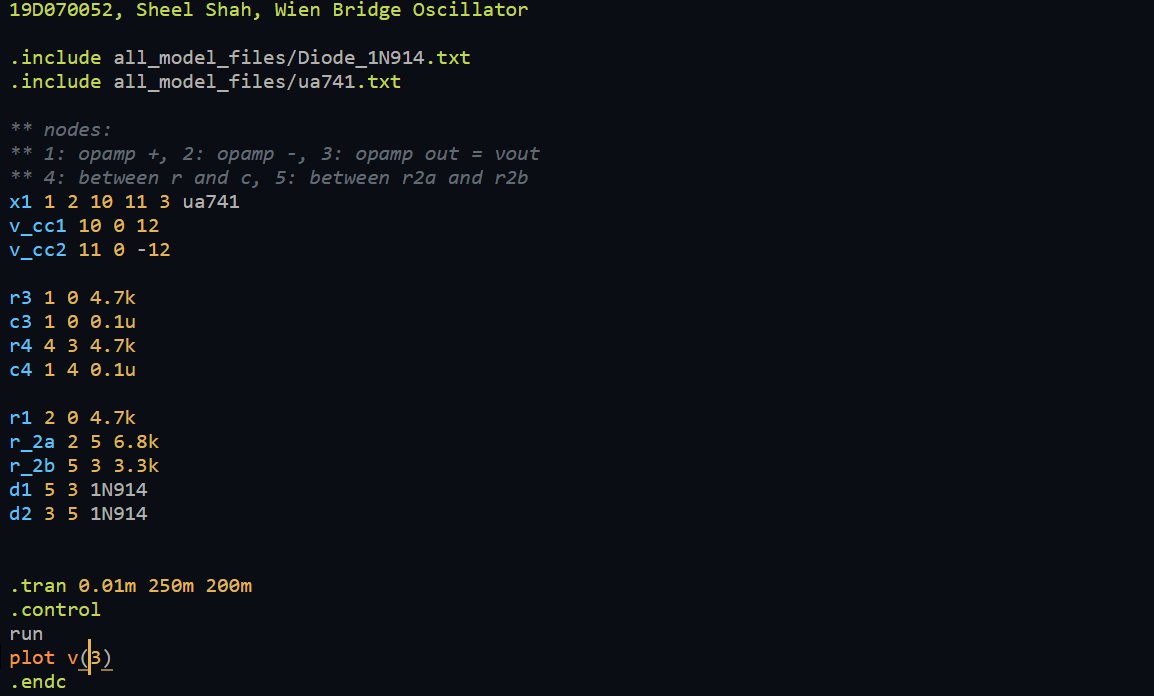
**Sheel Shah**

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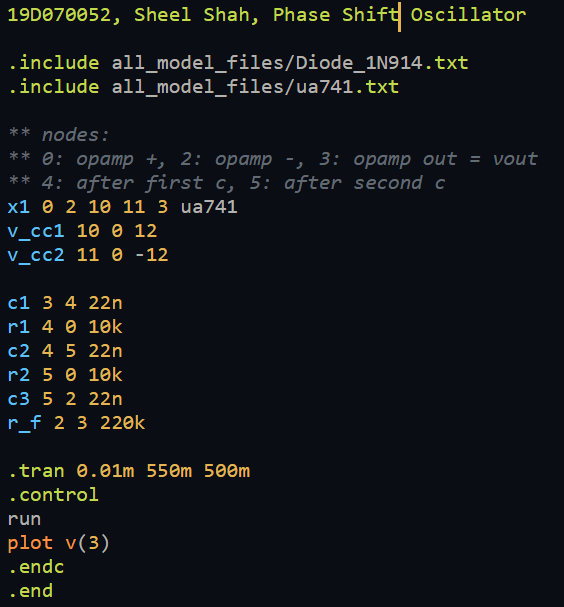
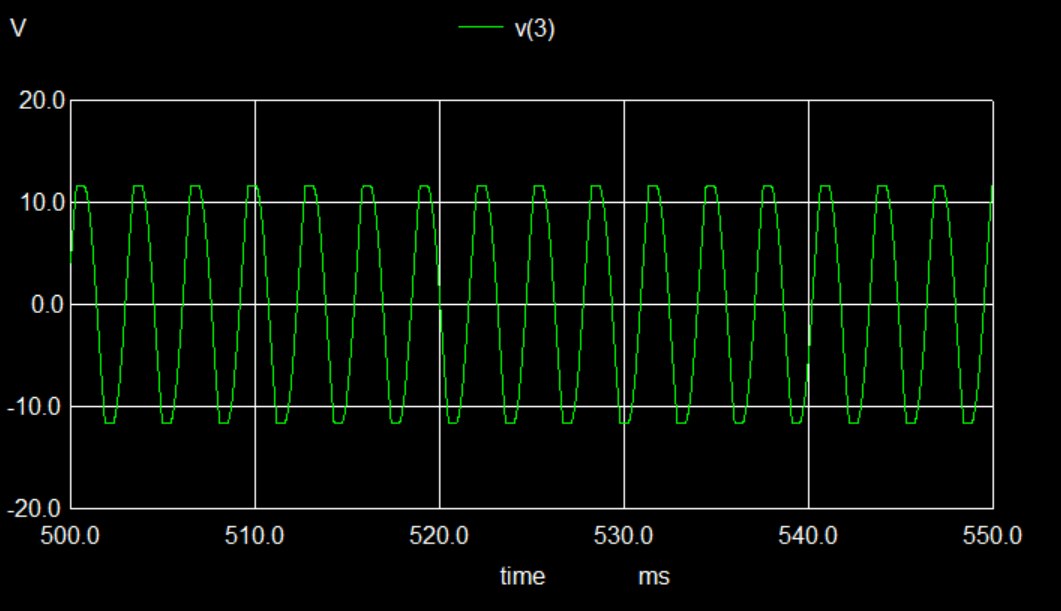
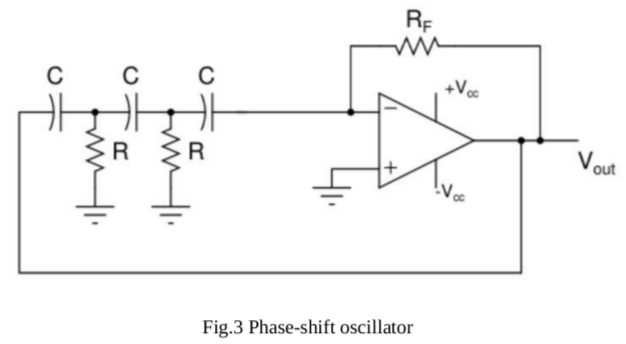
*Expt10*

Q1. Wein Bridge Oscillator

Code, result and circuit diagram:  


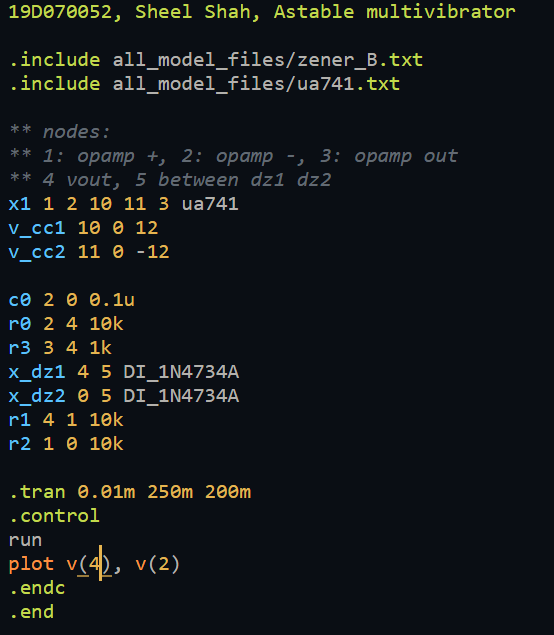
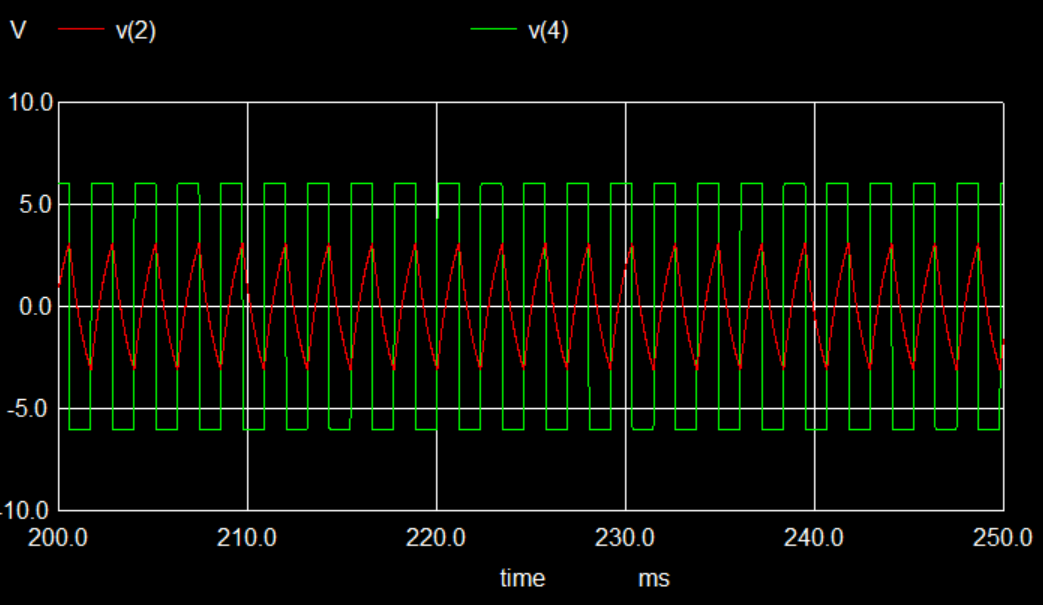
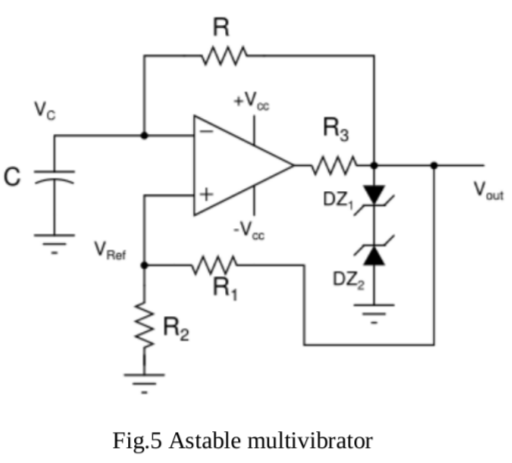
Learnings:  
I understood the basic mechanism of the Wein bridge oscillator. We have f\_0 = 1 / (2piRC).

Q2. Phase shift oscillator

Code, results, and circuit diagram:  
   
 

Learnings:  
I learned about the idea behind phase shift oscillator. We have f\_0 = 1 / (2piRC\*sqrt(6)).

Q3. Astable Multivibrator

Code, results, and circuit diagram:  
  
 

Learnings:  
I understood how the astable multivibrator works and how we can calculate t\_high, t\_low, and the corresponding voltage values .