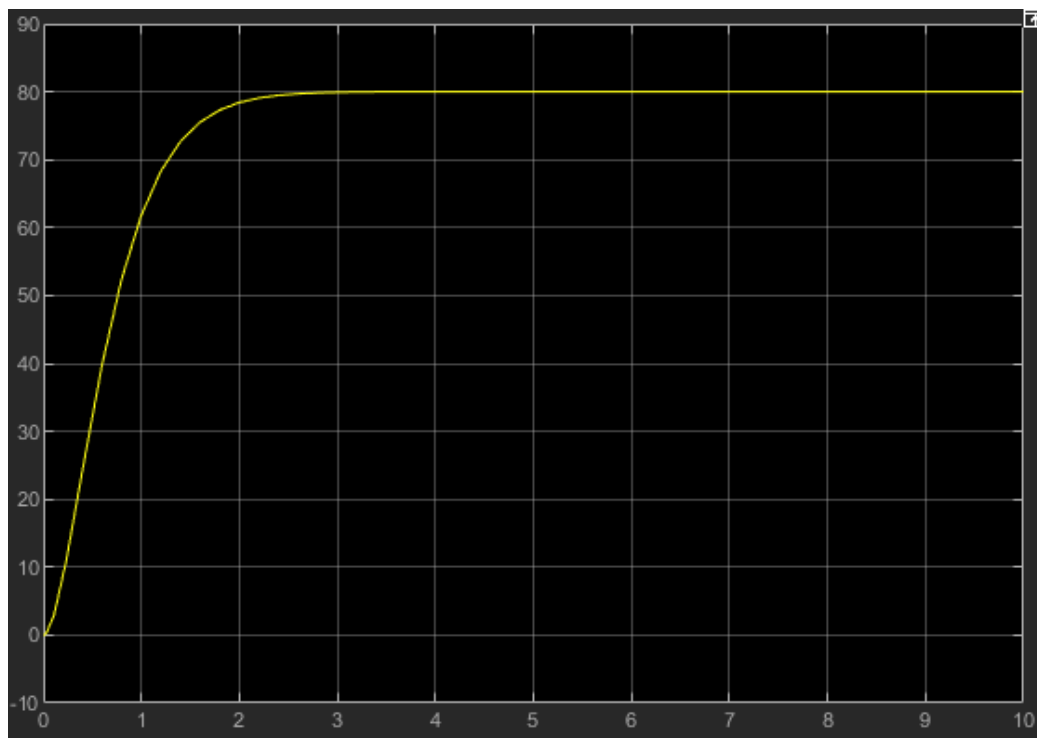
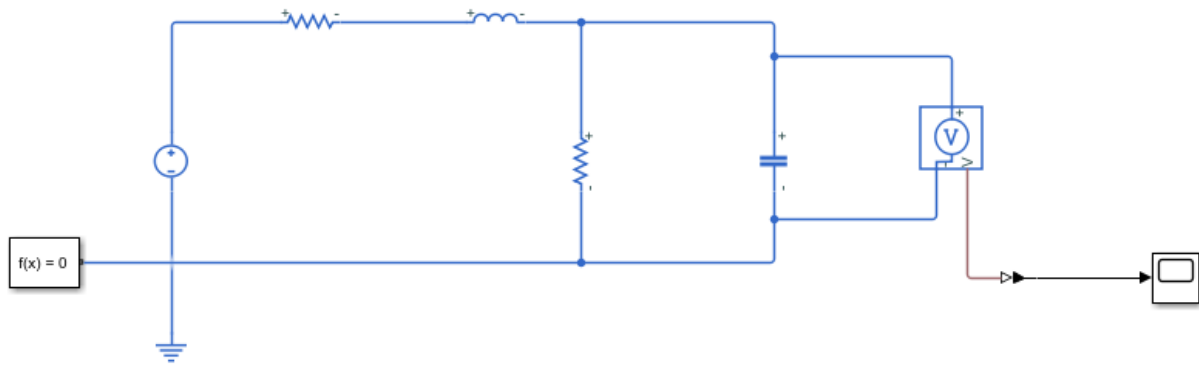
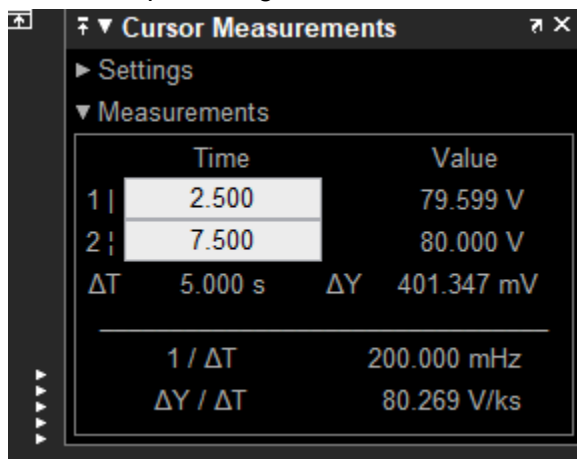


Simulink Block Diagram

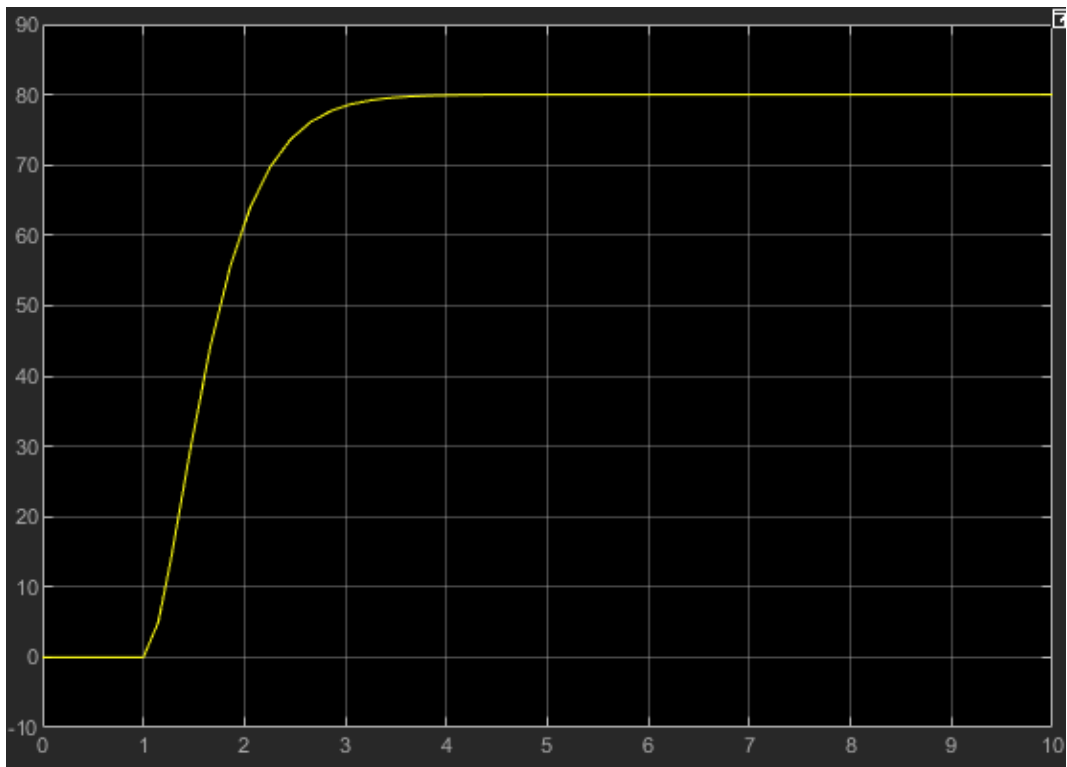
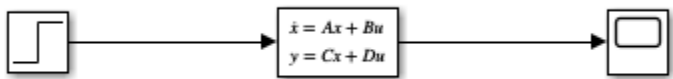
Voltage at 100V



- Output voltage is



Simscape Block Diagram

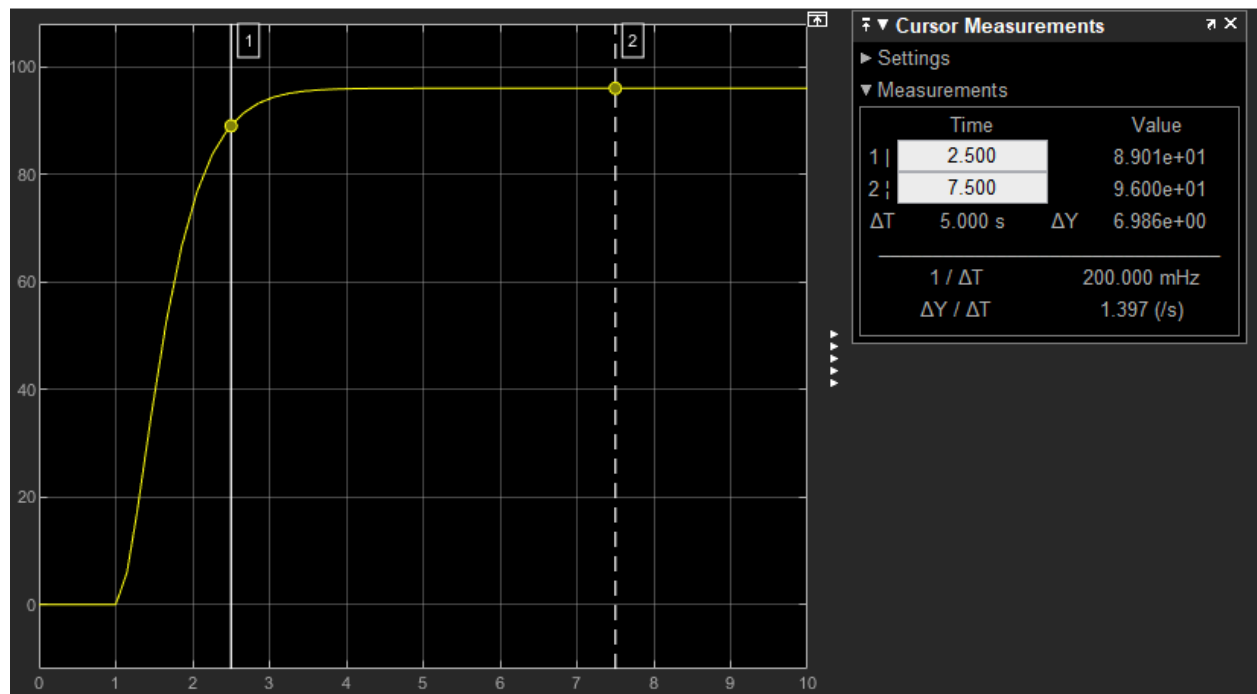


Cursor Measurements			
Settings			
Measurements			
	Time	Value	
1	2.500	7.418e+01	
2	7.500	8.000e+01	
ΔT	5.000 s	ΔY	5.821e+00
1 / ΔT		200.000 mHz	
ΔY / ΔT		1.164 (/s)	

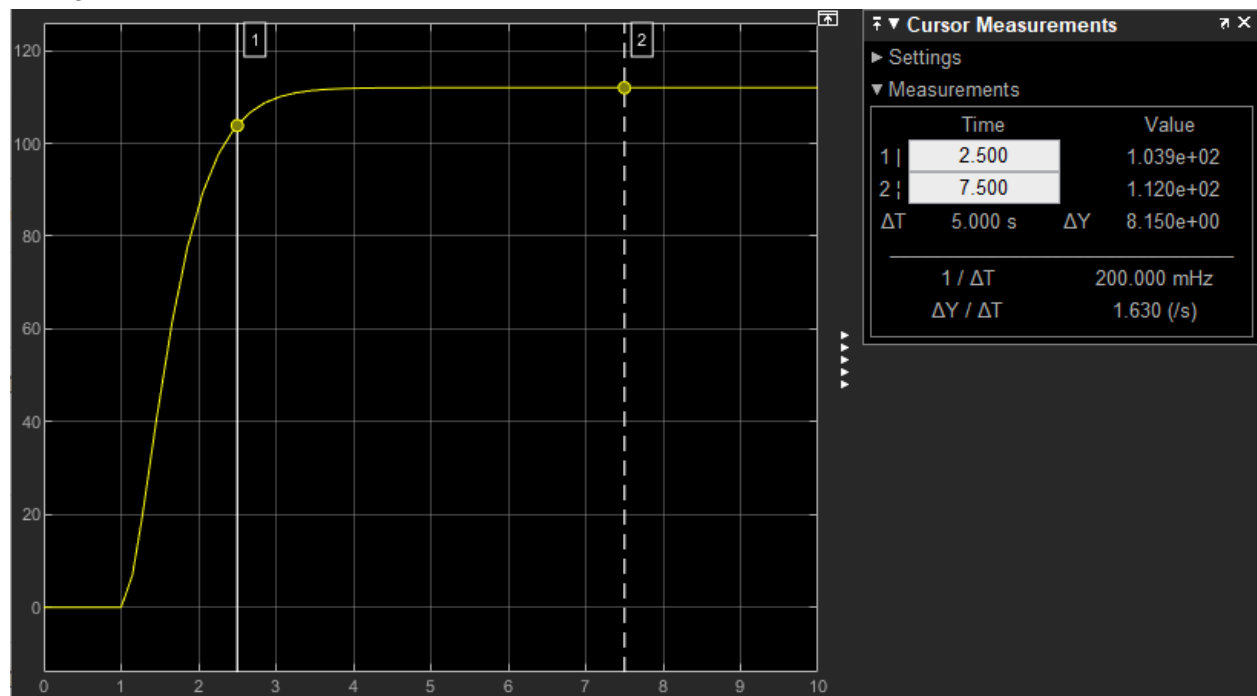
```
DC = 100; %volts  
  
A = [-R1/L, -1/L; 1/C, -1/(R2*C)];  
B = [1/L;0];  
C = [0, 1];  
D = 0;
```

A	[-5,-0.0500;120,-0.3000]
B	[0.0500;0]
C	[0,1]
D	0
DC	100

Voltage = 120 V



Voltage = 140 V



Voltage = 80 V

