

To setup Electric and LTspice, please do the following:

1. Download the Electric tool in some folder (Preferably create a new folder)  
Click on this url <https://www.staticfreesoft.com/productsFree.html>  
Select following download: **GET THE GNU ELECTRIC BINARY RELEASE, [version 9.07](#)**
2. Install runtime java environment  
from <https://www.oracle.com/technetwork/java/javase/downloads/jre8-downloads-2133155.html>
3. Once you have installed JRE of step-2, you can invoke ELECTRIC by double clicking on **electricBinary-9.07** that you downloaded in step-1
4. Install Java 3D on your system. Please refer to  
<https://download.java.net/media/java3d/builds/release/1.5.2/README-download.html>
5. Install LTspice on your system. You can download LTspice from  
<https://www.analog.com/en/design-center/design-tools-and-calculators/ltspice-simulator.html>
6. To integrate LTspice with ELECTRIC, take help available  
at [http://cmosedu.com/cmosp1/ltspice/ltspice\\_electric.htm](http://cmosedu.com/cmosp1/ltspice/ltspice_electric.htm)

Please get this setup ready so that we can start learning CMOS Schematic and Layout.