Demonstration Script

1. Short PowerPoint presentation mentionable points (Probably 2 minutes)
   1. Mention complete OOP design architecture
      1. Some reasons e.g. Without OOP when we had to add new features, we had to change a lot of files and we are always afraid the change might break some other part of the program. With the quarantine, there is some limitations on ease of communication.
   2. Mention defensive programming
      1. We are not sure the netlist will contain correct information. Numerous checks are performed at various stages and will end the simulation early while showing the user the error
2. Scripts created
   1. Using the main.sh script, the execution time is not noticeable
3. Present error displaying feature of the program
   1. Script showing netlist syntax checking error
   2. Script showing non-grounded nodes feature (Short explanation on why it can’t be grounded)
   3. Script showing transient error checking
4. One run of a proper circuit
   1. Mention that due to OOP design, compiling takes a while but when running the actual program, it is not noticeable
   2. Show LTSpice simulation as comparison