

EE 8350 Advanced Verification Methodologies for VLSI Systems

LAB 0

(Not to be submitted)

1. Create a directory called UVM >> `mkdir UVM`
2. `cd UVM`
3. Copy `uvm.tar` file from the Moodle page
4. untar the file using the command `tar -xvf uvm.tar` inside the UVM directory.
5. Come out of the UVM directory >> `cd ../`
6. Create a directory called lab3 >> `mkdir LAB0`
7. `cd LAB0`
8. Copy the **lab0.sv** and **Makefile.vcs** files from the Moodle page to your **LAB0** Directory.
9. Set the variable UVM_HOME using following command:
`setenv UVM_HOME /home/class/YOUR_ID /UVM/uvm -1.2/`
Use `echo $UVM_HOME` to check if you have set the variable properly or not.
10. Open the `Makefile.vcs` and edit the path of first two lines:
`UVM_HOME = /home/class/YOUR_ID/UVM/uvm-1.2`
`include /home/class/YOUR_ID/UVM/uvm-1.2/Makefile.vcs`
Include the `lab0.sv` file for compilation
11. Use the following command to compile and run: `make -f Makefile.vcs`