

Basic Commands of ModelSim:

- Adding the signals to the waveform window
 1. First compile the top-level entity and the associated testbench.
 2. Go to **Simulate** → **Start Simulation**, select the testbench from dropping down “**work**”.
 3. In the Console window type the following command-
*add wave -r **
This command should open a waveform window , with all the signals already added to the window.
- Viewing the waveforms
After using the above command , if the waveform window doesn't appear on screen or is hidden behind other windows, use the following command to view the waveforms-
View wave
- Running Simulations:
The following command can be used to run the simulation-
run <time>
<time> specifies the amount of time for the simulation starting from the current time. The default unit of time is nanoseconds (ns).
run 100 or *run 100 ns* would run the simulation for 100 ns.
run 1 us would run the simulation for 1 microsecond
use ps for picoseconds and s for seconds