

Tutorial for

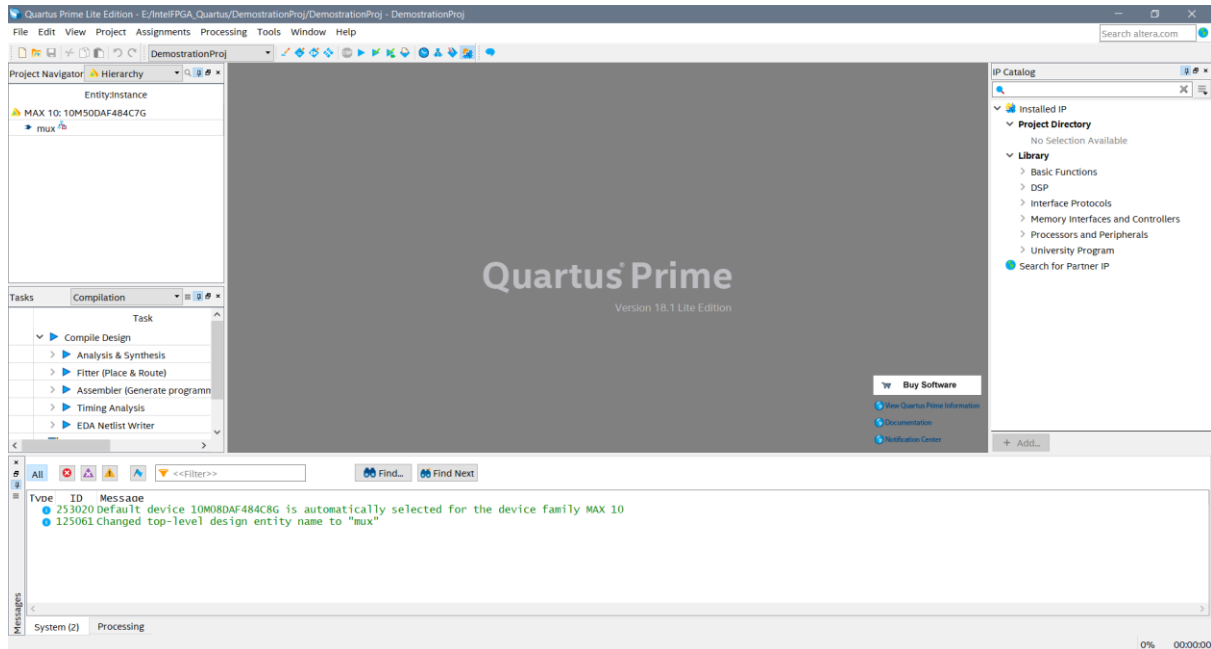
Making ModelSim run from QuartusPrime after compilation automatically

Made by student of Innopolis University

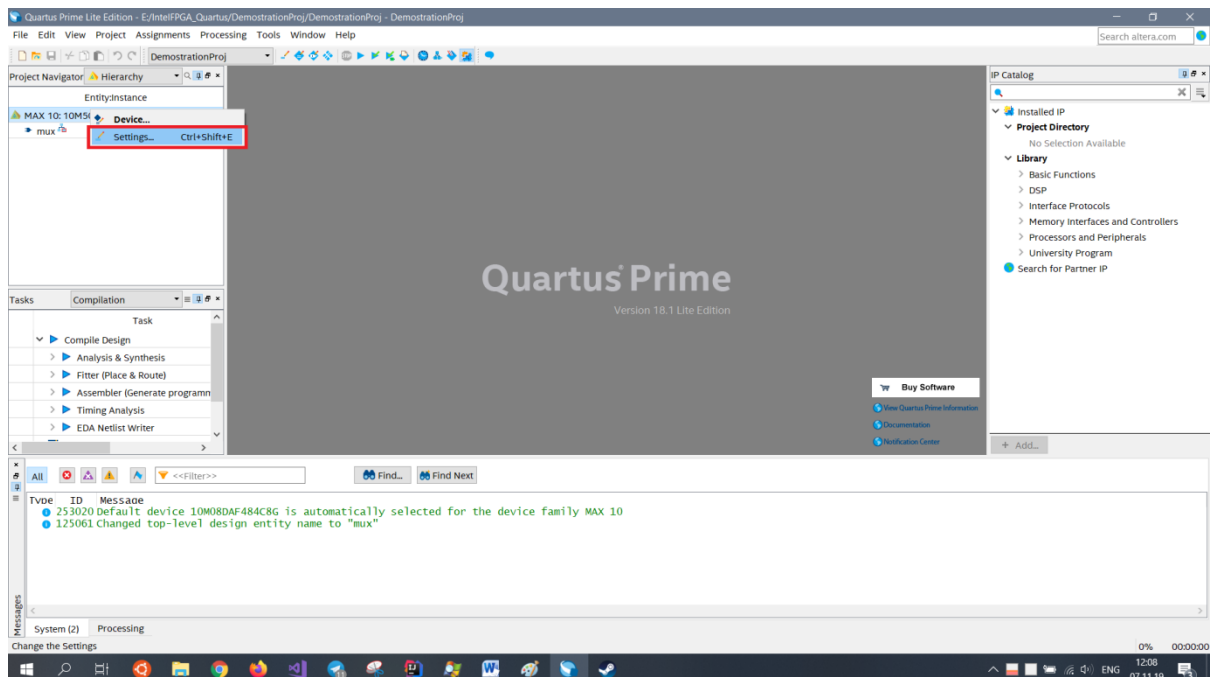
Vyacheslav Sergeev

Making ModelSim run from QuartusPrime after compilation automatically

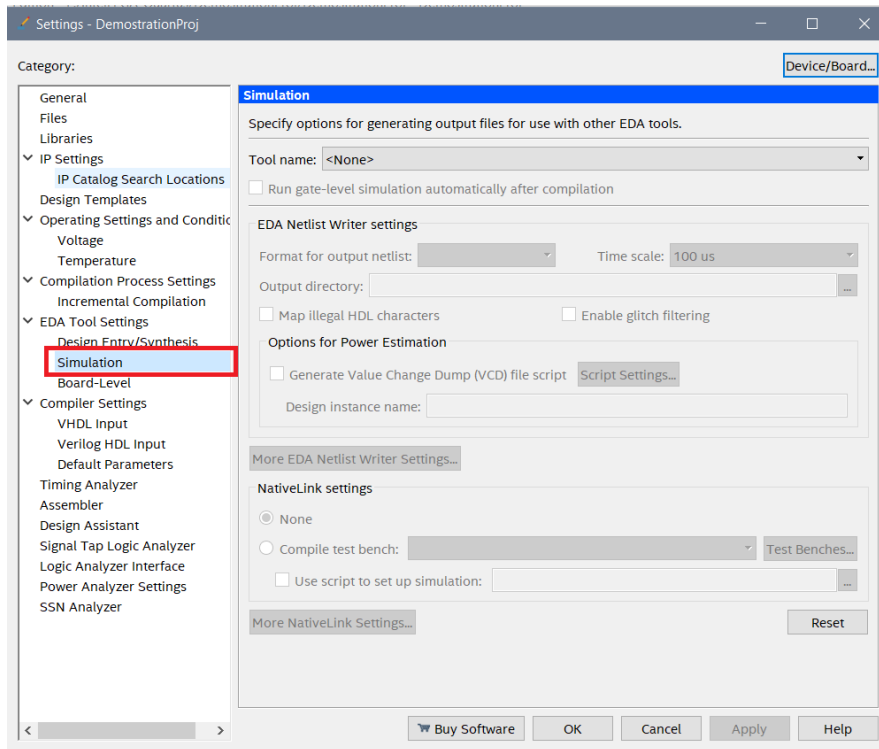
1. Create your own project, add your unit-under-test and testbench for it there



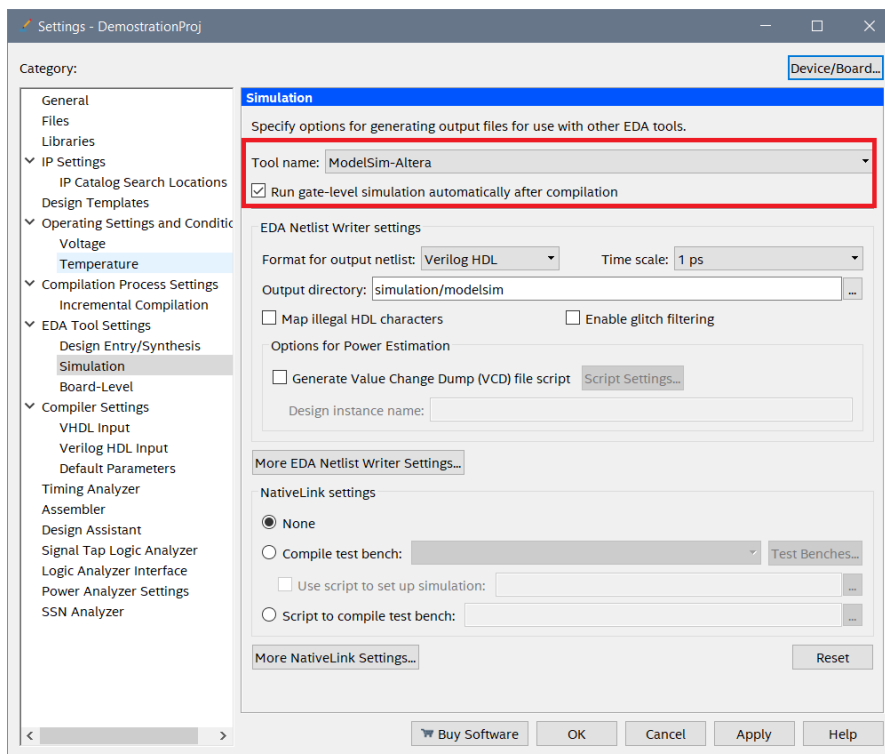
2. Go to project settings



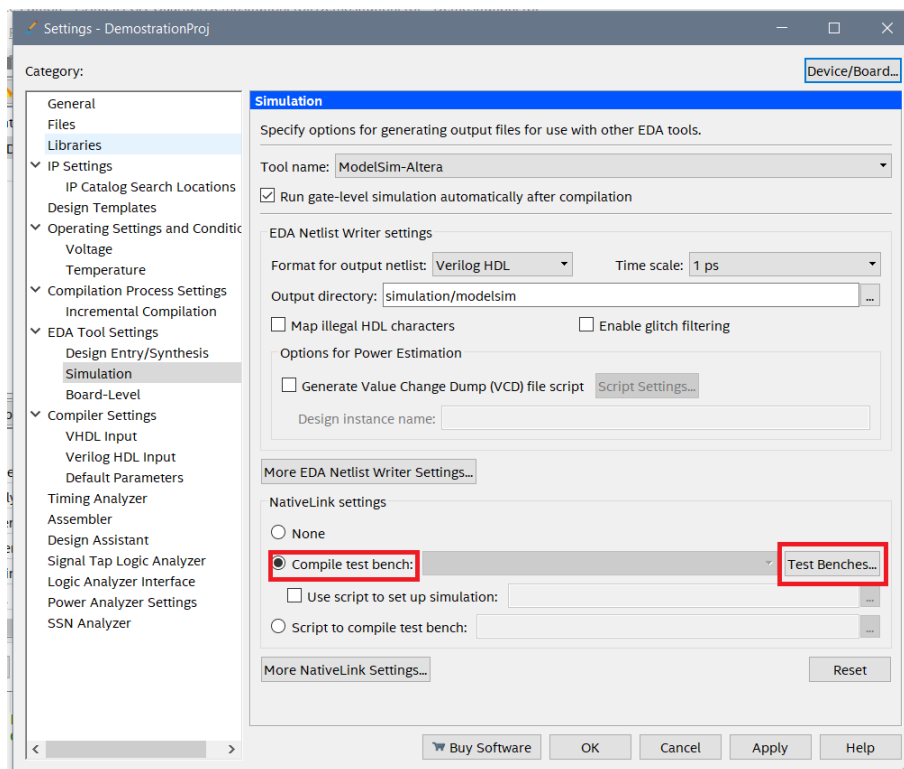
3. Go to “simulation”



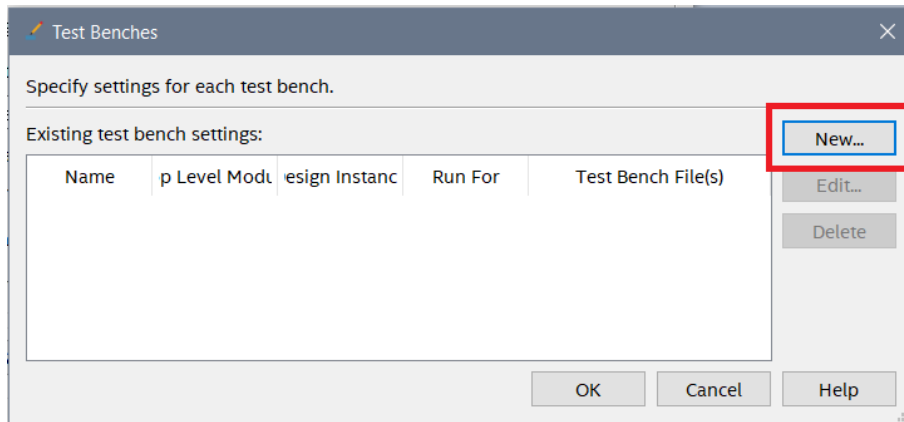
4. Select Tool name: “ModelSim Altera” and select “Run gate-level simulations automatically”



5. Select “Compile test bench” and press “Test Bench”



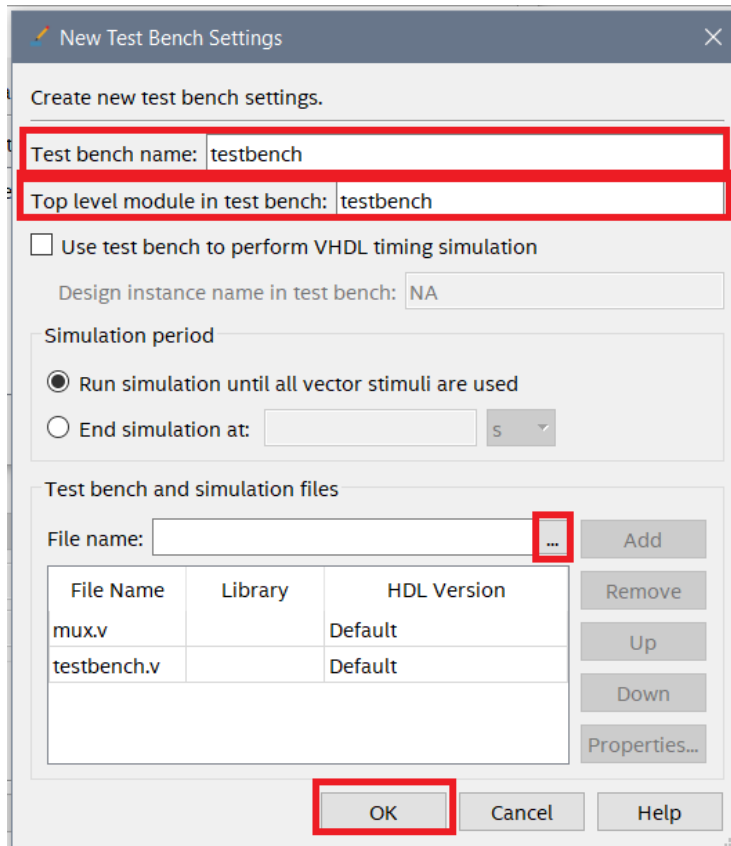
6. Press “New”



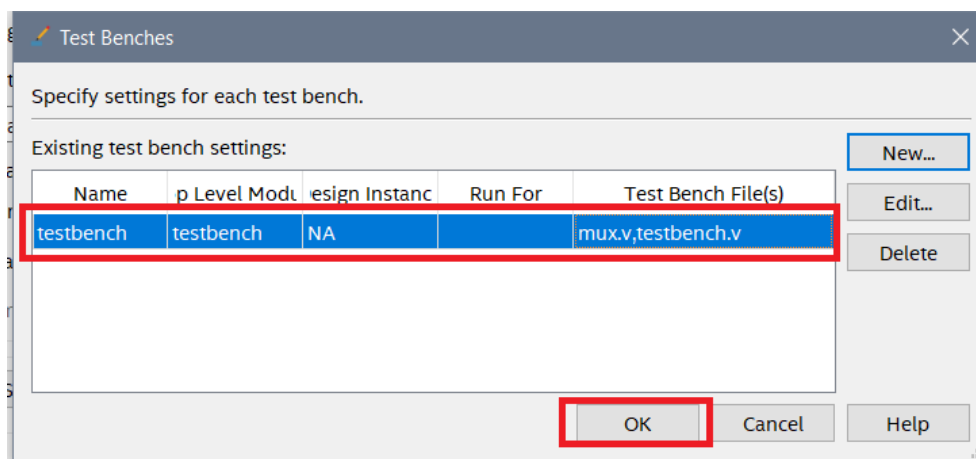
7. Write your testbench name in the field “testbench”.

Then add it, unit-under-test and everything else they need to run properly

Then press “Ok”



8. Select your newly added testbench and press “OK”

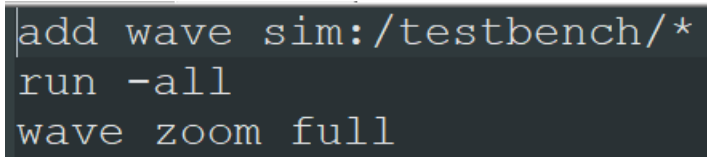


9. Write your own TCL script that has the following:

`add wave sim:/testbench/*`

`run -all`

`wave zoom full`



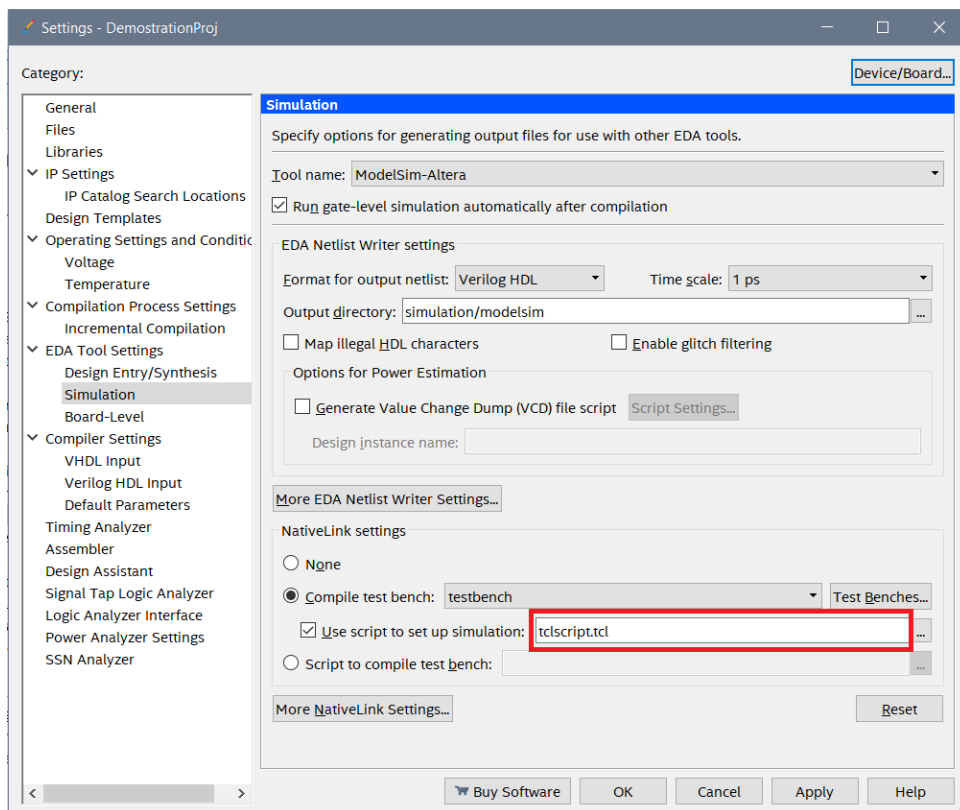
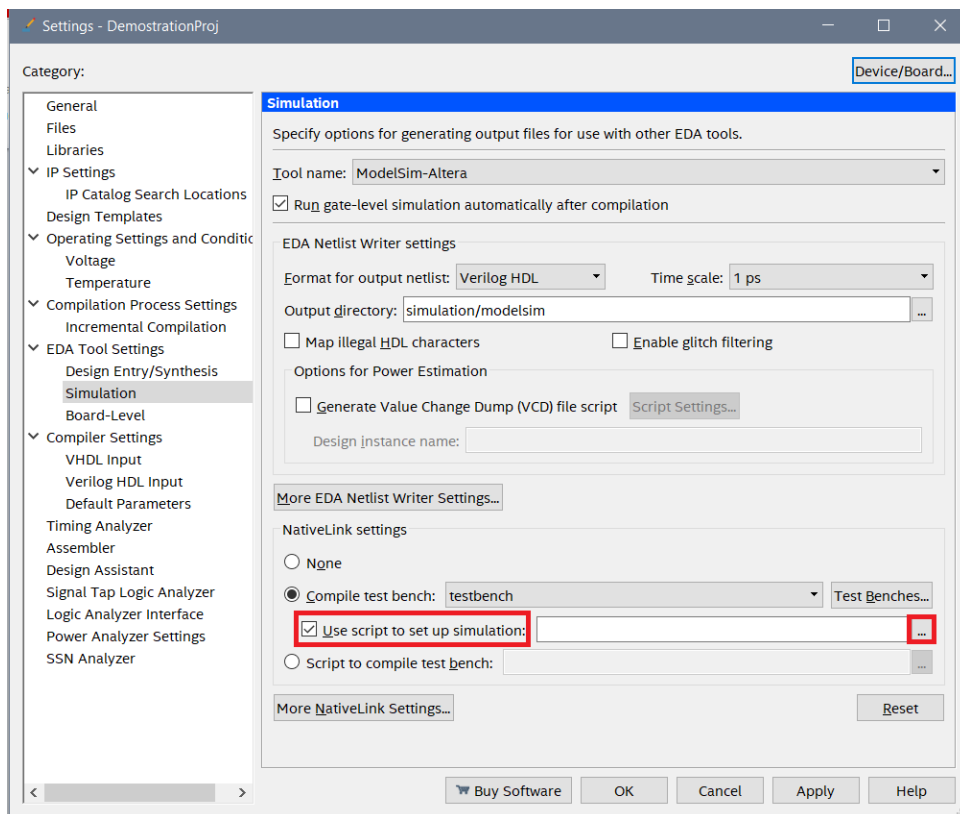
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add wave sim:/testbench/*
run -all
wave zoom full
```

Where “testbench” is the name of your testbench

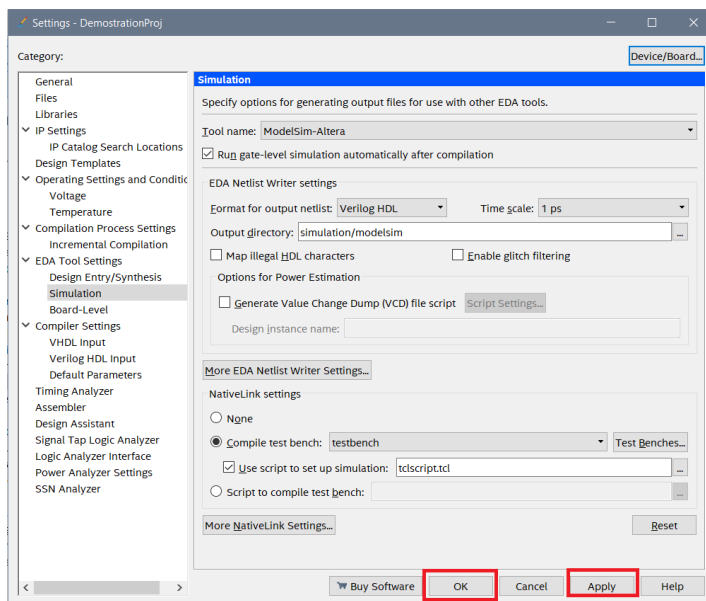
“run -all” makes simulation run for all the time available

“wave zoom full” is required if you need a wave to be shown as a result and you want to see it whole

10. Select your newly written script



11. Hit “Apply” and “OK”



12. Enjoy ModelSim Altera running after compilation of the project