CMPE212 Lab8 D FlipFlops

Objective

To learn how to do waveform simulations. To look at the behavior of a D Flip-Flop.

Procedure

1. Click on the start menu and run mingw
2. Open putty.exe and click on the + box next to SSH and click on X11
3. Enable X11 forwarding
4. Click on Session and log into the gl server as usual
5. Write your D Flip-Flop module and testbench
6. The D Flip-Flop module must have a D, clock, and reset input. And a Q, notQ output.
7. In your testbench, use the waveform functions written below
8. With your waveforms generated, use simvision command to view the waveforms

Waveform functions

$shm_open("filename.shm")
$shm_probe(variables, to, watch)
$shm_close

Project Submission

Make sure you give me your username before you leave today. I need to add permissions to allow you all to submit the projects.

This is command for submitting the files:

submit cmpe212 project <project files>