

## Assignment 3.1

Introduction: -

- Sometimes during development of RTL files of a block, designers need to save versions of the RTL if it is working correctly during development to get it back if the newer version stuck to some problems so they need to check which files get changed from version to another and which files not changed and write a report file the status of RTL files, in this assignment we need to compare the 3 version of fifo RTLs files.

Steps: -

- 1) Create a tcl script named Ass3.1.tcl
- 2) Display on the screen the following message
  - "\*\*\*\*Assignment 3.1\*\*\*\*"
- 3) Display on the screen the following message
  - \*\*\*\* report RTL change versions \*\*\*\*
- 4) Compare every 2 subsequent versions and print a message to indicate if every 2 subsequent versions are identical or not, for example for ver0 and ver1
  - if fifo version 0 is identical to fifo version 1
    - write in the **report.txt** file >> "fifo version 0 is identical to fifo version 1"
    - Display on the screen >> "fifo version 0 is identical to fifo version 1"
  - if fifo version 0 is different from fifo version 1
    - write in the **report.txt** file >> "fifo version 0 is different from fifo version 1"
    - Display on the screen >> "fifo version 0 is different from fifo version 1"