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| --- | --- |
| **Name** | Khaled Sarhan |

## Interface:

A computer screen shot of a program code

Description automatically generatedA screenshot of a computer program

Description automatically generated

## Design:

Bugs:

* Reset Value is Added for “overflow”, “wr\_ack”, “memory” and “data\_out”.
* “underflow” is turned from combinational output into Sequential output.

A screen shot of a computer program

Description automatically generatedA computer screen shot of white text

Description automatically generatedA computer screen shot of a program code

Description automatically generatedA computer screen with colorful text

Description automatically generatedA computer screen shot of a program

Description automatically generated

## Do File:

A computer screen with white text

Description automatically generated

## Top Module:

A screen shot of a computer program

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## Monitor:

A screen shot of a computer program

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## Testbench:

A screen shot of a computer program

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## Transaction Class:

A computer screen with white and green text

Description automatically generatedA computer screen with text

Description automatically generatedA computer screen shot of a program

Description automatically generatedA computer screen with white text

Description automatically generated

## Coverage Class:

A screenshot of a computer program

Description automatically generatedA computer screen shot of a program

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Description automatically generatedA screen shot of a computer program

Description automatically generatedA computer screen with white text and numbers

Description automatically generated

## Scoreboard Class:A computer screen shot of a program Description automatically generatedA computer screen shot of a program code Description automatically generatedA computer screen shot of a program code Description automatically generated

## Assertions:A computer screen shot of a program Description automatically generatedA screen shot of a computer program Description automatically generatedA computer code on a black background Description automatically generatedA computer code on a black background Description automatically generated

## Coverage Report:

* Toggle Coverage:

A black background with white text

Description automatically generatedA screenshot of a computer

Description automatically generated

* Branch Coverage:

A black background with white text

Description automatically generated

* Statement Coverage:

A black background with white text

Description automatically generated

## Assertion Report:

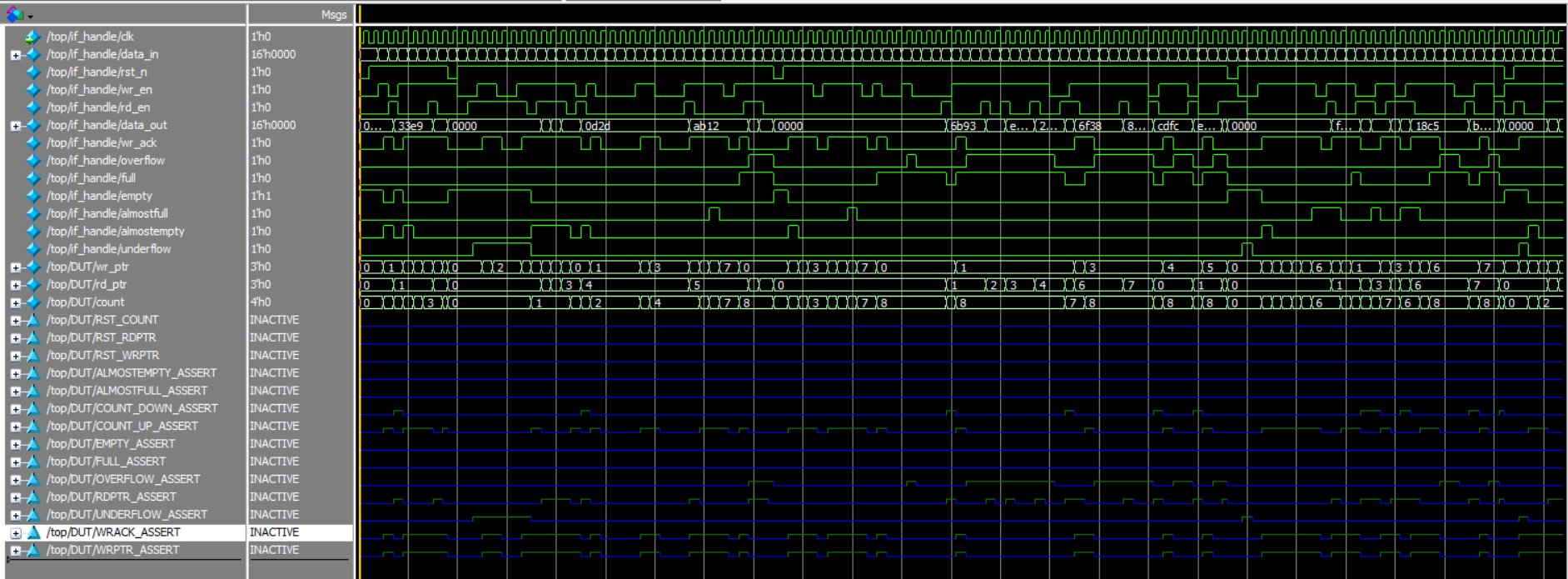
A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

## Waveform:



## Transcript:

