A computer screen shot of a computer

Description automatically generated

Write is never done in the register 0 (x0).

A computer screen shot of a computer

Description automatically generated

The test case is to check whether write is done correctly in the registers.

A computer screen shot of a computer

Description automatically generated

Write is only done on the rising edge of the clock.

A computer screen shot of a computer

Description automatically generated

A computer screen shot of a computer

Description automatically generated

A computer screen shot of a computer

Description automatically generated

Write is not done if RegWEn is 0.