

Writing a module test

- 1) Write a module test for the AR module to test the path specified below:

Test the path for a transfer from a scalar register to address register five and back to a scalar register.

Use the AR module I/O sheet so that the input and output terms will match those that are wired on the module test harness. This is to allow the test that you write to actually be used to test the module.

- 2.) Test the path to load the L register and read it back to an A register.

- 3) Test the address adder by
 - a) adding two operands
 - b) subtracting two operands