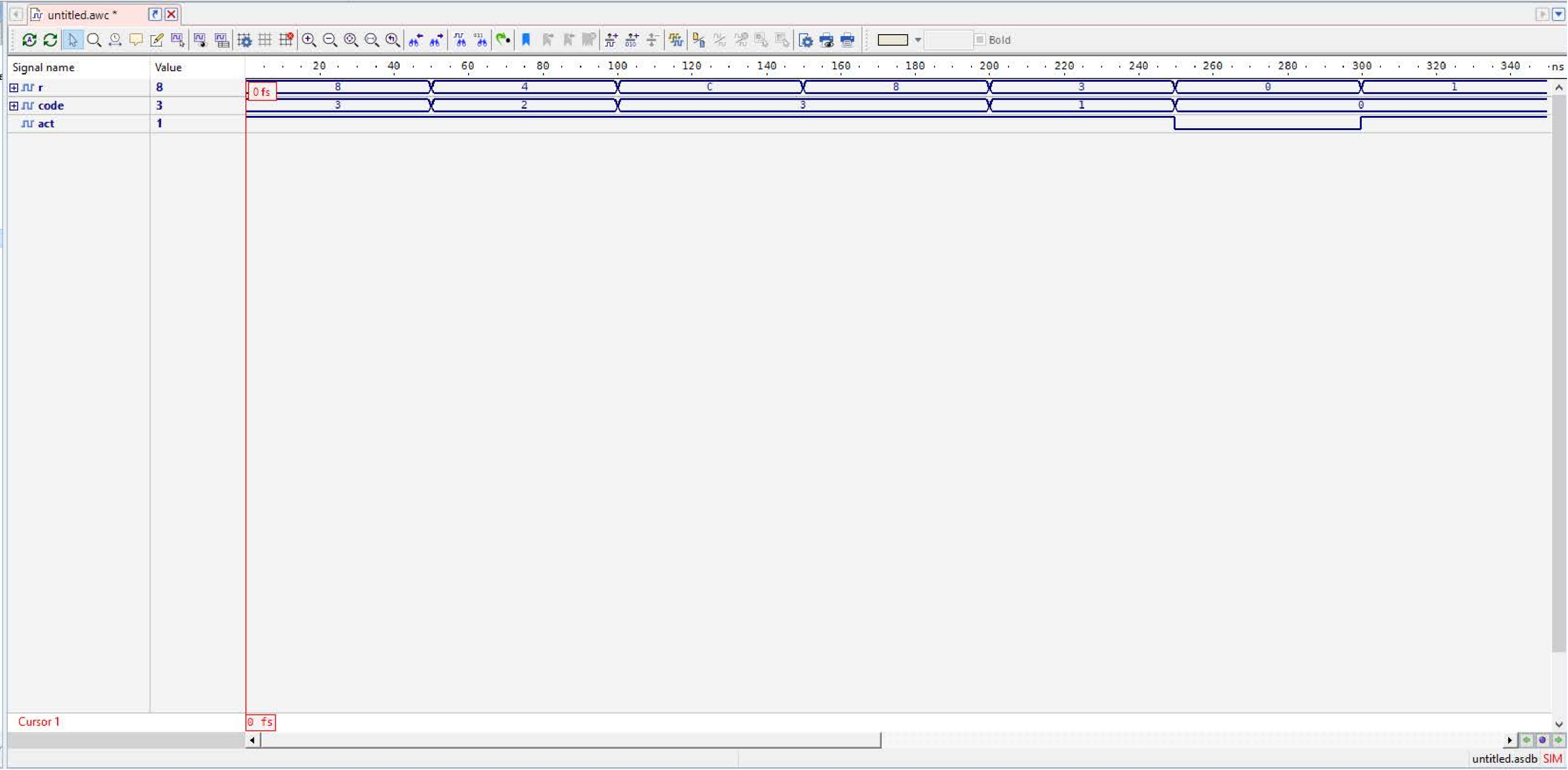


Design Browser

testbench\_for\_test

0. Unsorted

- Workspace 'CAD\_HW02\_Mohammadre
- CAD
  - Add New File
  - test.vhd
  - untitled.asdb
  - untitled.awc
  - TestBench
  - Add New Library
  - cad library
- CAD2
- CAD3
- CAD3.2



The screenshot displays the Design Browser on the left and the Waveform Editor on the right.

**Design Browser:**

- Workspace: CAD\_HW02\_Mohammadre
- Contents:
  - CAD
  - CAD2
    - test.vhd
    - untitled.asdb
    - untitled.awc (selected)
  - TestBench
  - cad2 library
  - CAD3
  - CAD3.2

**Waveform Editor:**

The waveform shows three signals over a time axis from 0 to 56 ns.

Signal name	Value
input	2A
parity_even	1
parity_odd	0

The input signal is a square wave with a period of 8 ns, alternating between 2A and 0. The parity signals are constant at 1 and 0 respectively.

Signal name	Value		4	8	12	16	20	24	28	32	36	40	44	48	52	56	ns
$\mu$ A	2	0 fs	2	X	3	X	A			X	E			X	0		
$\mu$ B	2		2	X	7	X	3			X	7			X	F		
$\mu$ Z	0?		0?	X	0?	X				X	0?						
$\mu$ X	?		?	X	?	X	?			X	?			X	?		

Signal name	Value	ns																			
лг A	2	2	3	A		E	0	2	3	A		E	0	2	3	A		E			
лг B	2	2	7	3	7	F		2	7	3	7	F		2	7	3	7	F			
лг Z	00	00	07	01			00			07	01			00			07	01			
лг X	2	2	7	3	3	F	0	2	7	3	3	F	0	2	7	3	3	F			