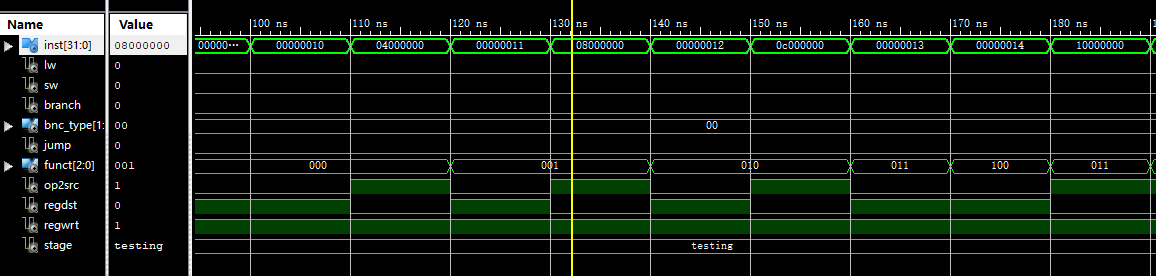
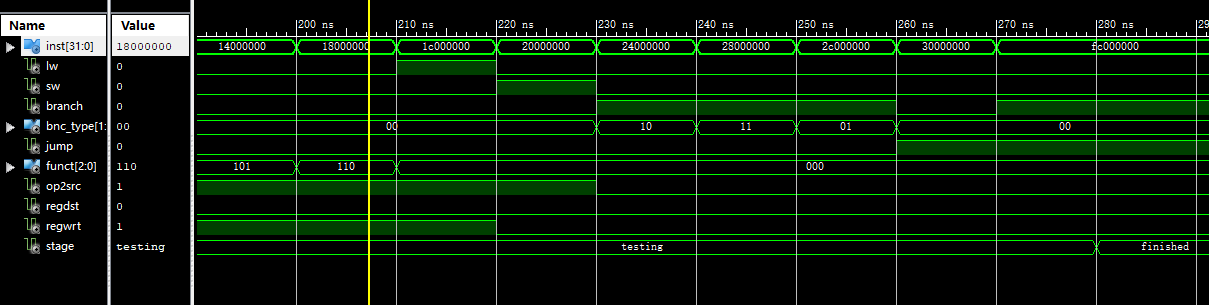
The 18 instructions shows in the sequence according to that 18 instructions in the process pdf.

1. Functioinal:

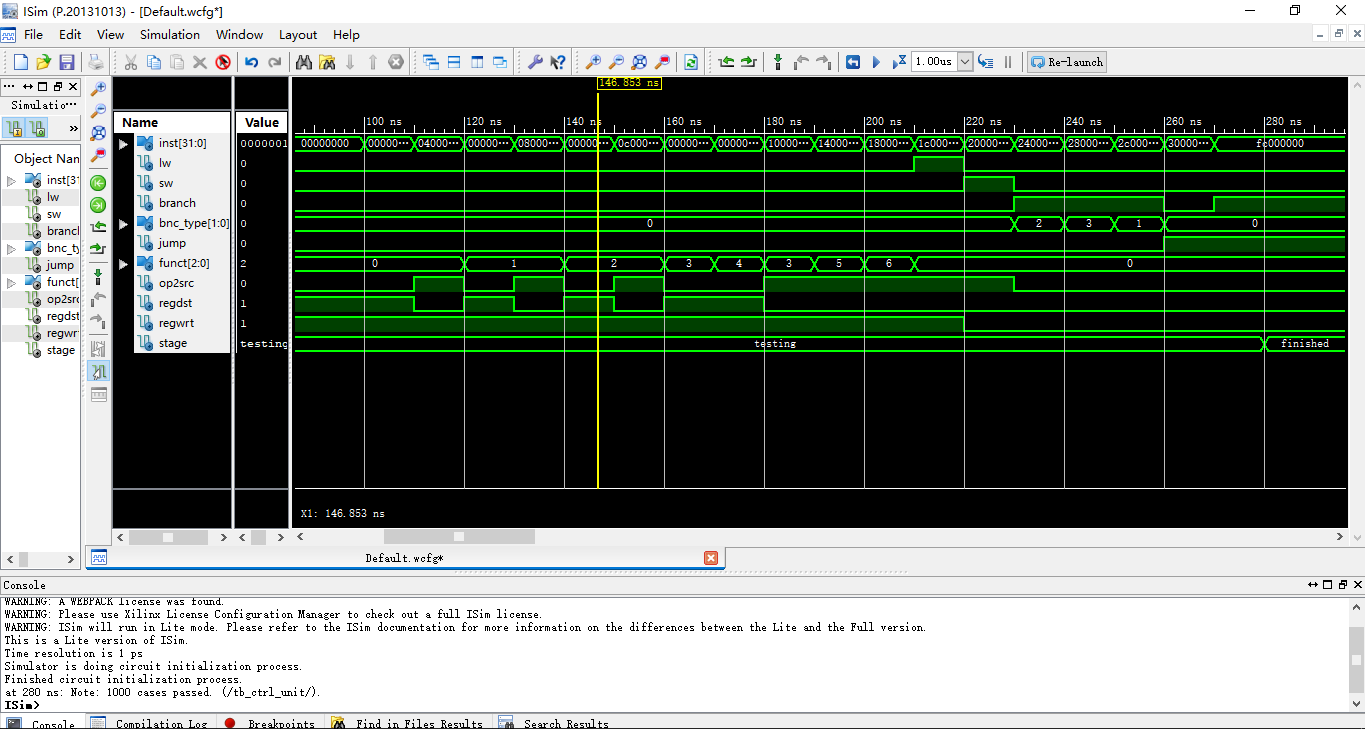
First 9 insts:



Last 9 insts:

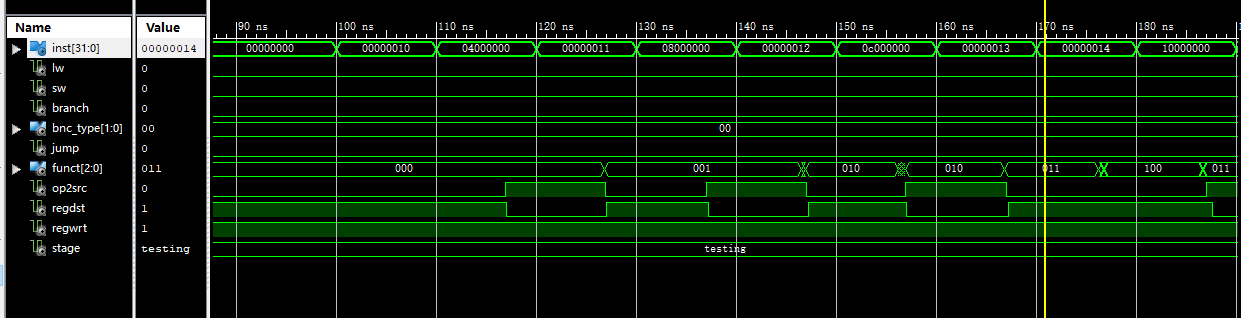


In all :

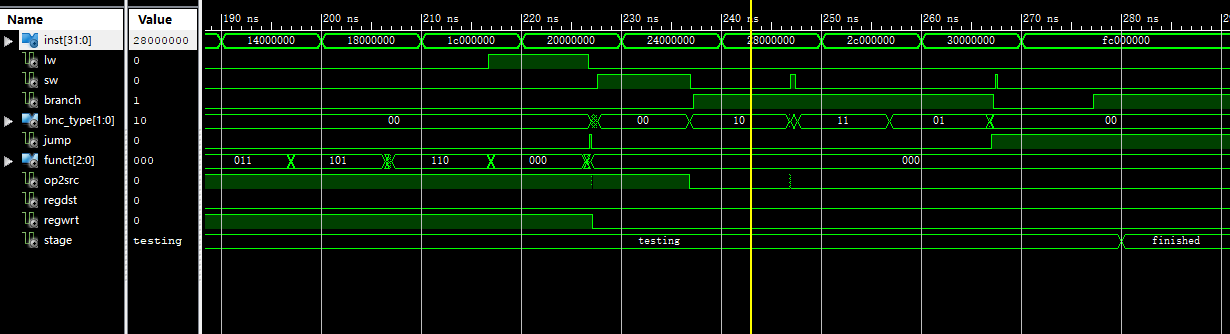


1. Timing:

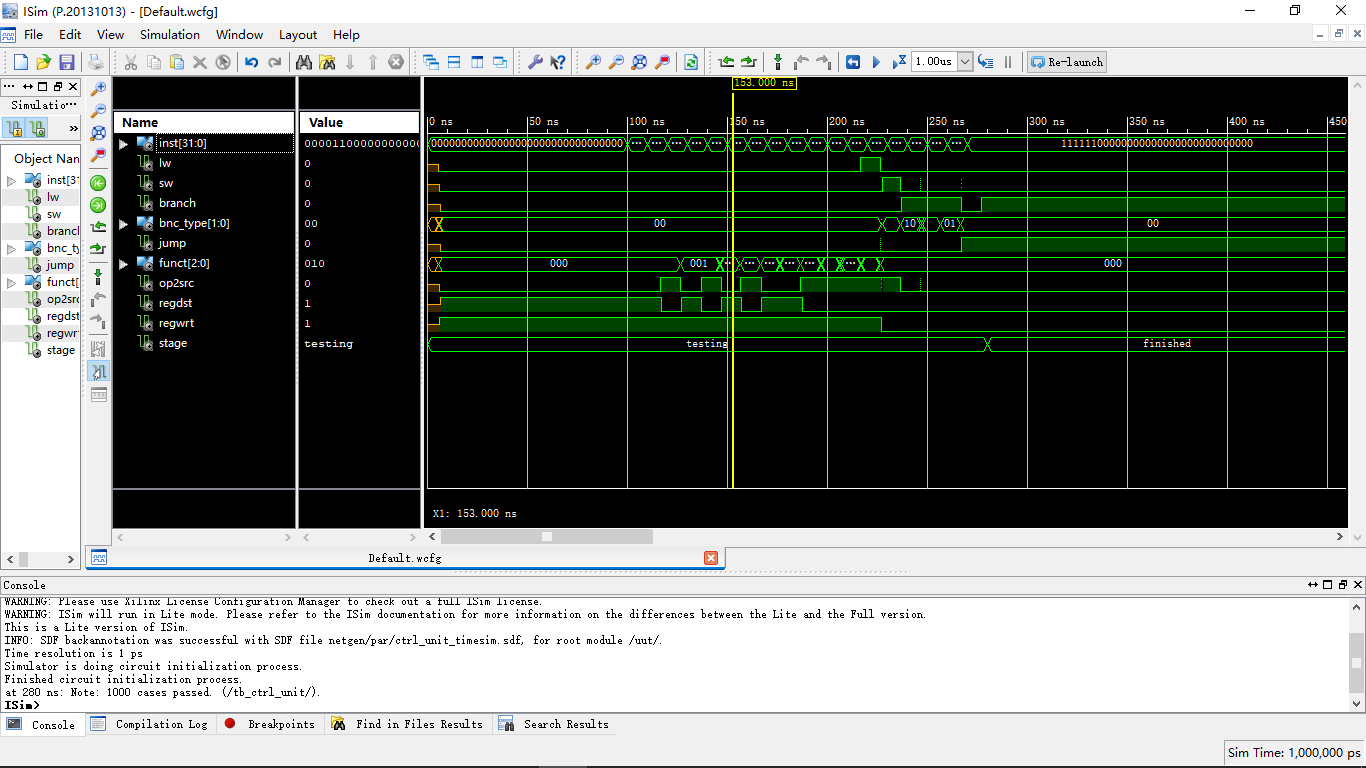
First 9:



Last 9:



In all:



1. Delay：

180,000.000 ns to run 18,000 instructions, 10ns for 1 input which is the wait period in test bench code. I can see no delay here. Wired…

1. RC5:

ukey = 0x00000000000000000000000000000000

A\_in = 0x00000000

B\_in = 0x00000000

A\_enc = eedba521

B\_enc = 6d8f4b15

