Exercise2

The first two changes took 35 ns, and afterward it took 32 ns.

Button called ‘Zoom to Cursors’. It is the button looks like magnifier with red square in it.

Button called ‘Zoom to Full View’.

Just click the left button of the mouse on the time that you want, and then take a look at the value under Value tab.

Exercise3

1.6 us

Exercise4

Maximum combinational path delay: 6.209 ns

O = ((I0 \* I1 \* !I2) + (I0 \* !I1 \* I2) + (!I0 \* I1 \* I2) + (!I0 \* !I1 \* !I2));

Personal Exploration

I learned ‘restart’ command to just restart in the simulation window. It was convenient to use both .tcl file and ISim GUI command at the same time. Also, it was really useful to be able to find out the exact time taken for the signal changes. Different types of zooming functions also helped me to be able to play around with my waves simulated.