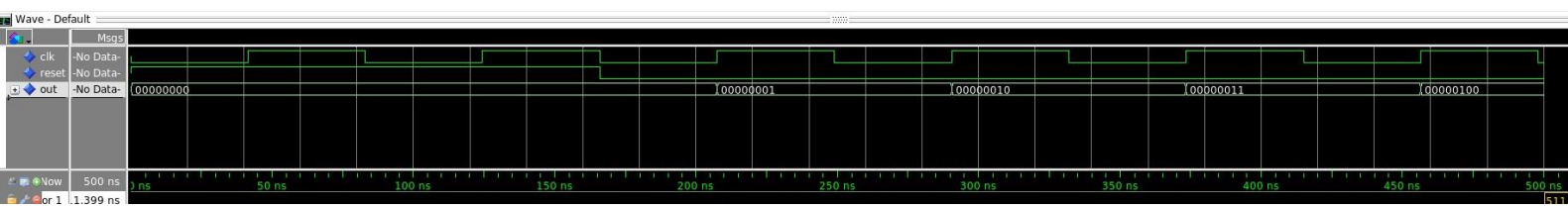
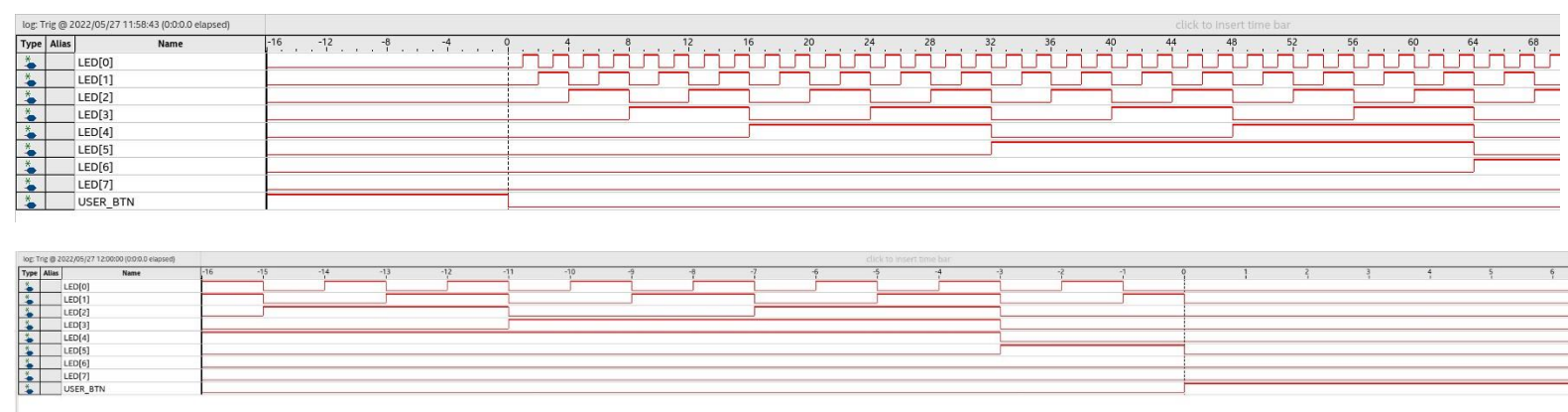


## Problem 1

We haven't seen the LEDs blinking because the clock was too high. The different steps when counting with 12MHz were not visible.



But with the Signal tap and the Simulation we can see that the counter actually counts



When connecting the LEDs to higher bits we can see the counting steps.

## Problem 2

Now with the PLL we can lower the 12MHz clock to 1MHz and hence connect the LEDs to lower bits to keep the 5 Hz count frequency.

