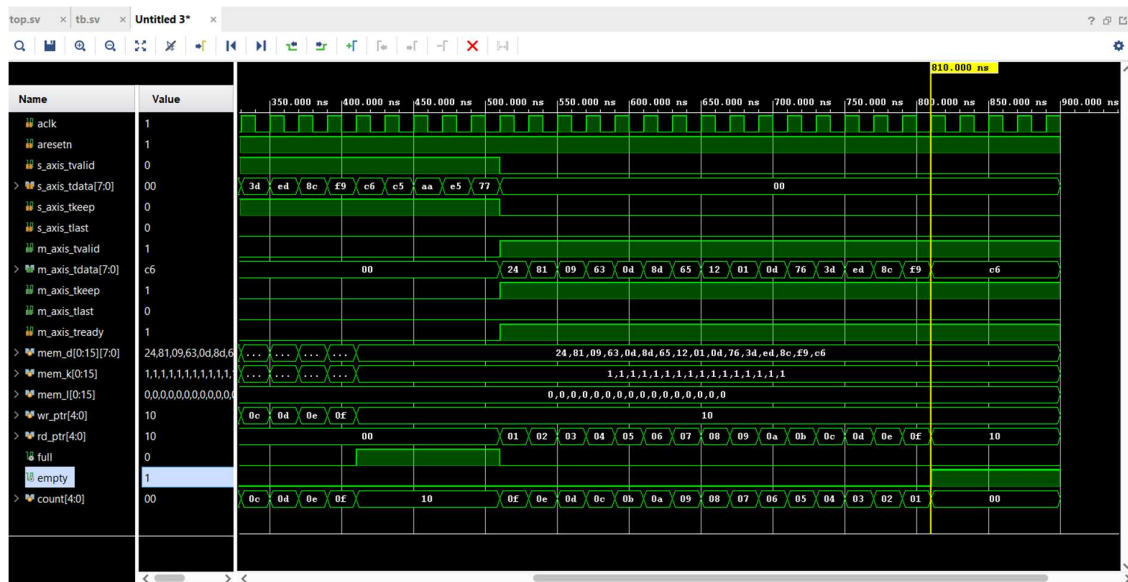Results:- when s_axis_t_valid beomes high master masrter starts to write the data into the slave and when c6 is written the count becomes 16 so fifo becomes full and we can see that in our memory is successfully updated during the write operation.

Now ,when m_axis_t_ready becomes high it means slave is ready to read the data from the fifo so after that read operation starts and we can see that on line m_axis_tdata we have successful read the data back that we written during the write operation in the fifo and after the 16 read operations the empty becomes high.