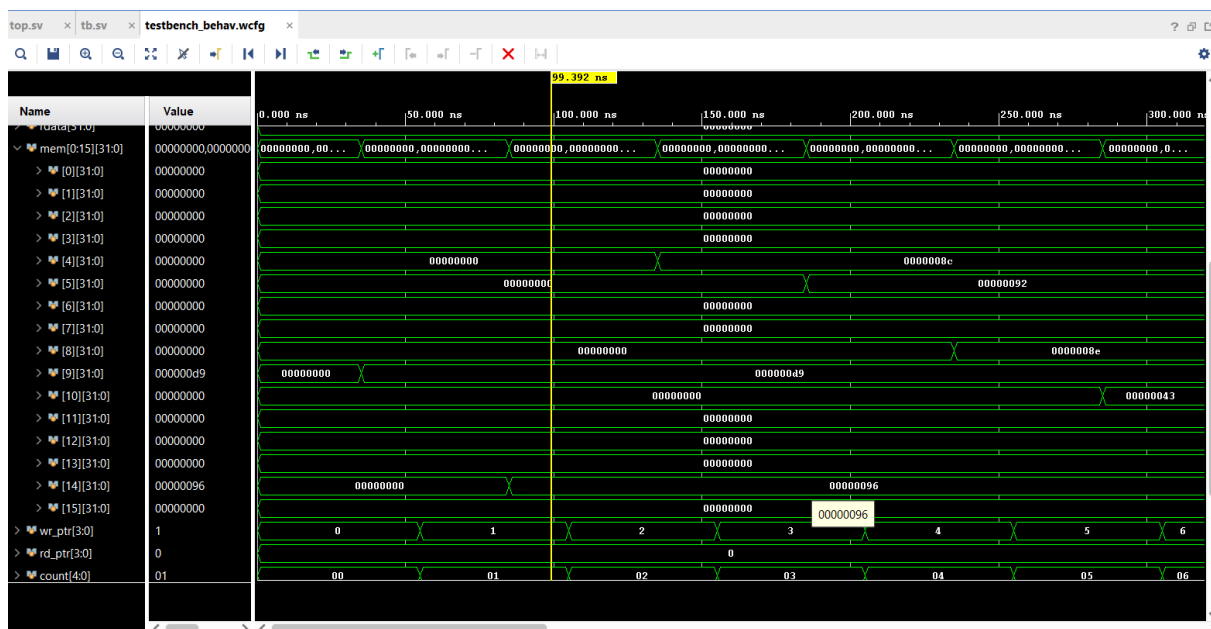
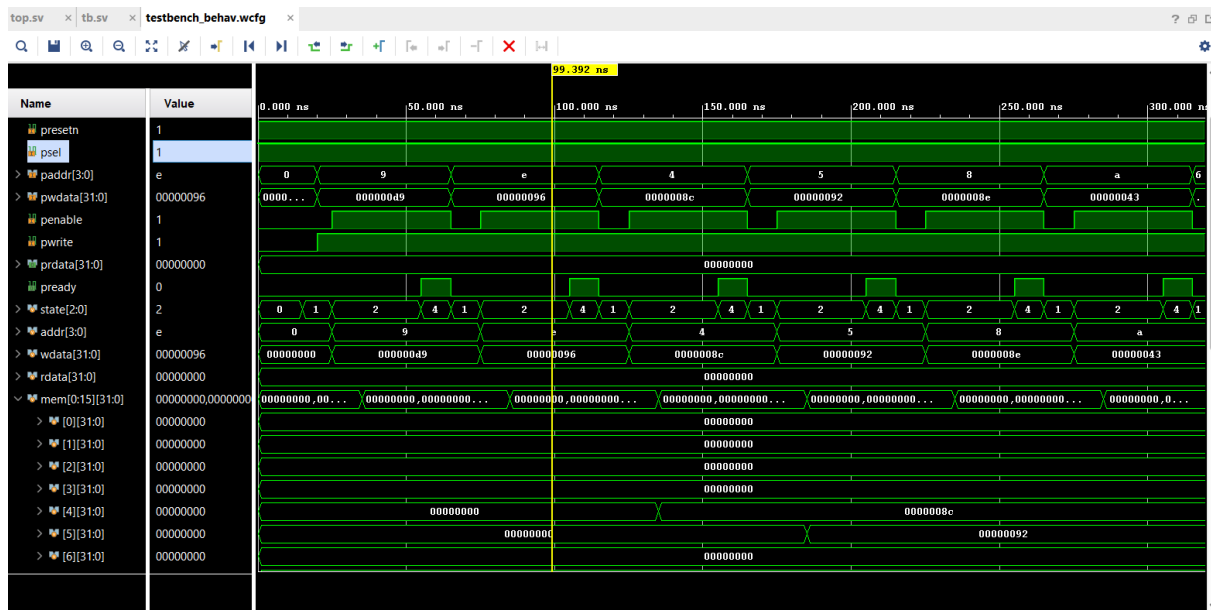
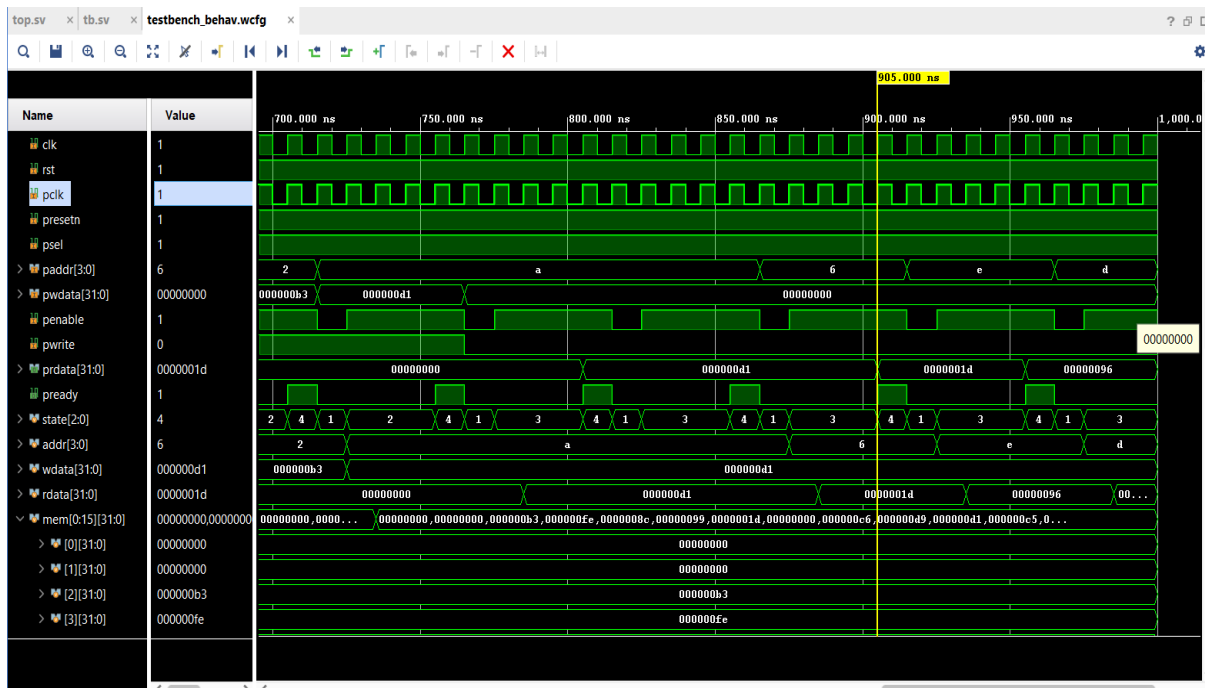
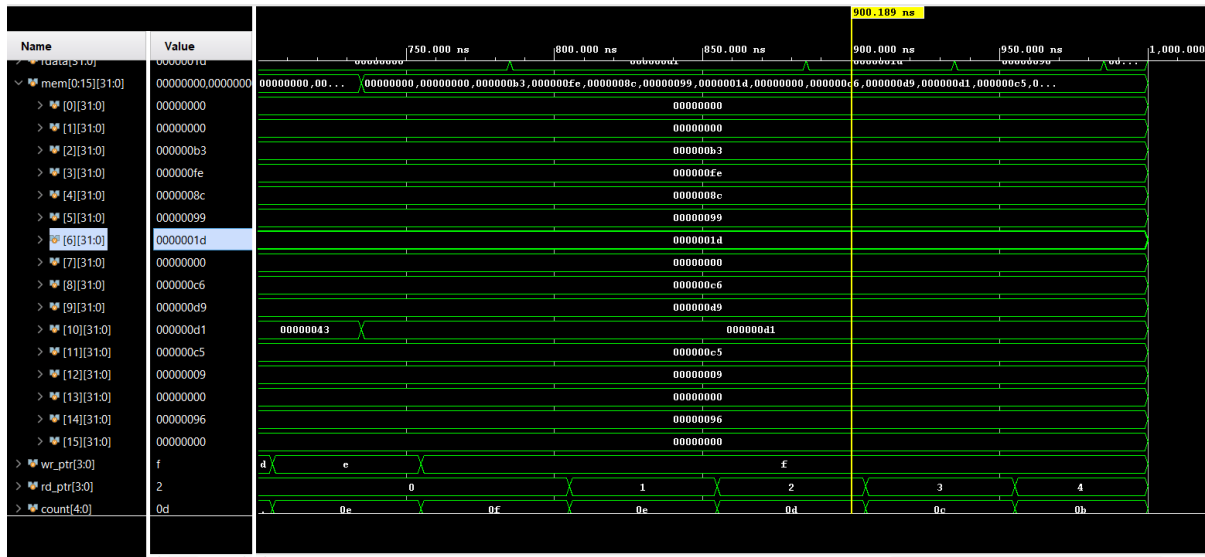


Results:- We can see in upper waveform that we are writing d9 on memory location 9 and in the lower image we can see that in the memory location 9 d9 is written



Similarly, from these waveforms(upper) we can see that I am writing 96 in the memory location e and in the lower waveform we can see 96 at address e.



Now in this waveform I am reading 1d from memory address 6 and I am getting and I am able to fetch the correct data because prdata is 1d.