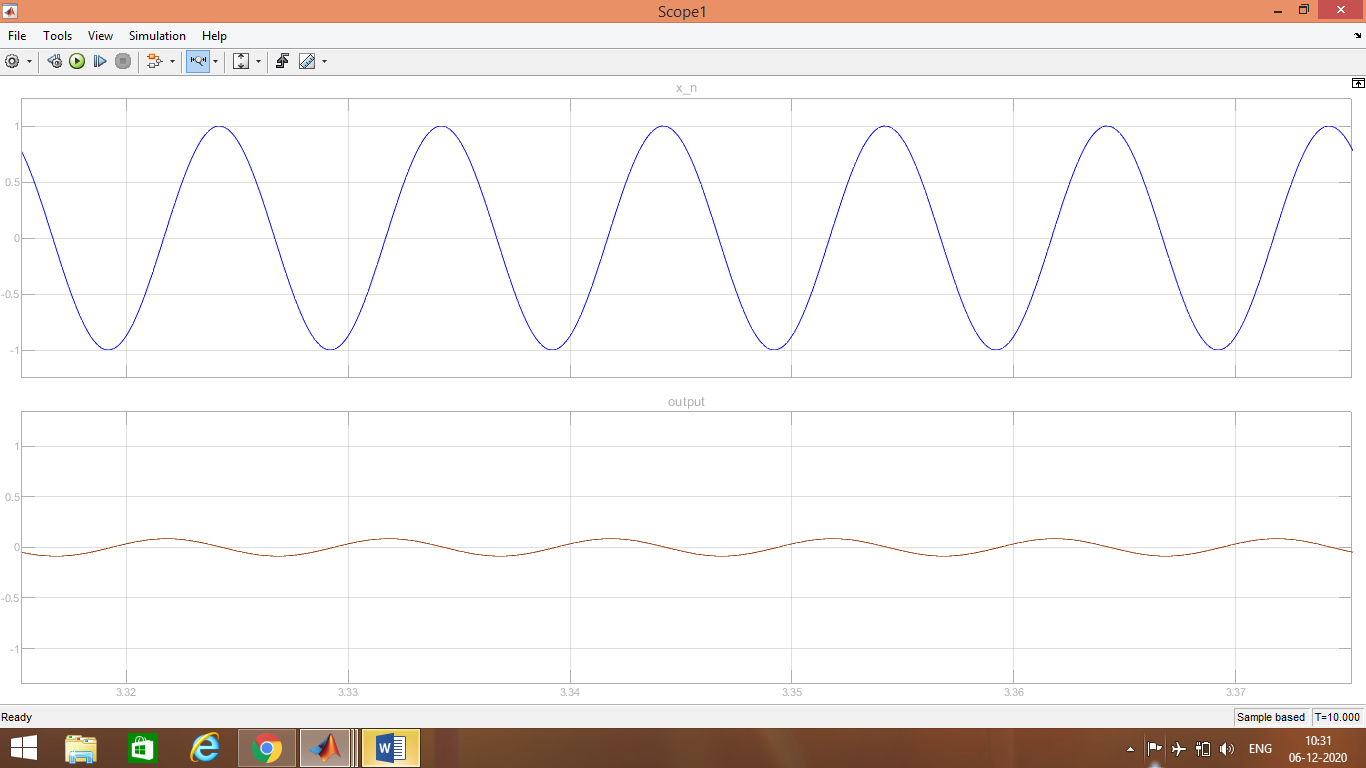
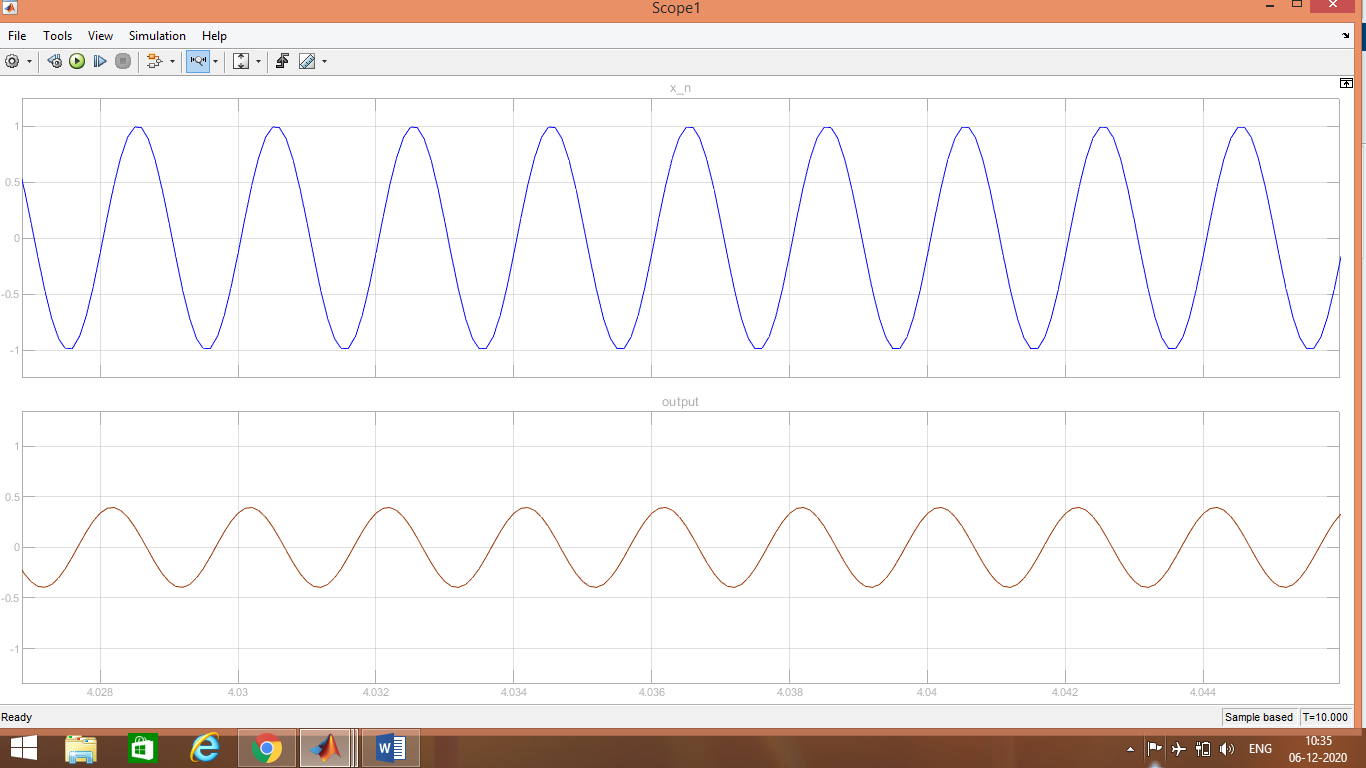
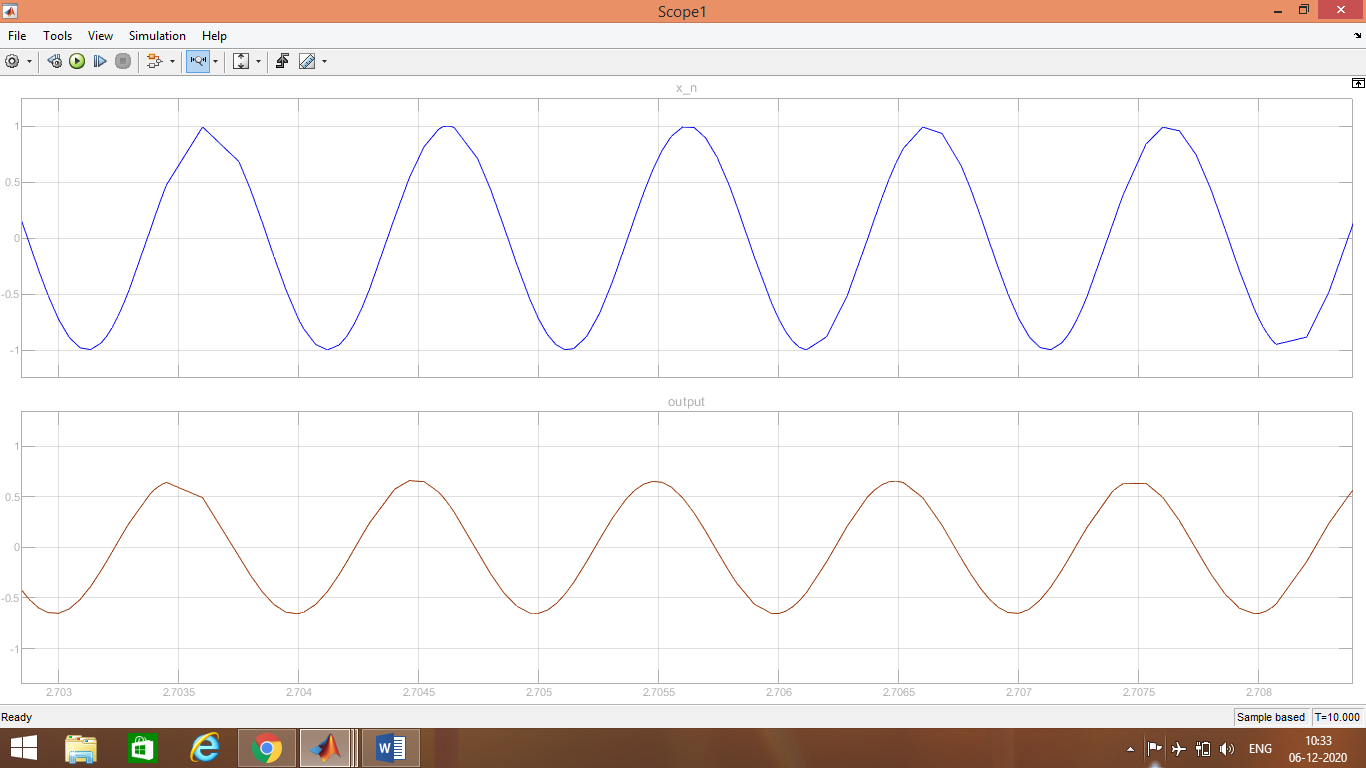
OUTPUT AT 100 Hz:



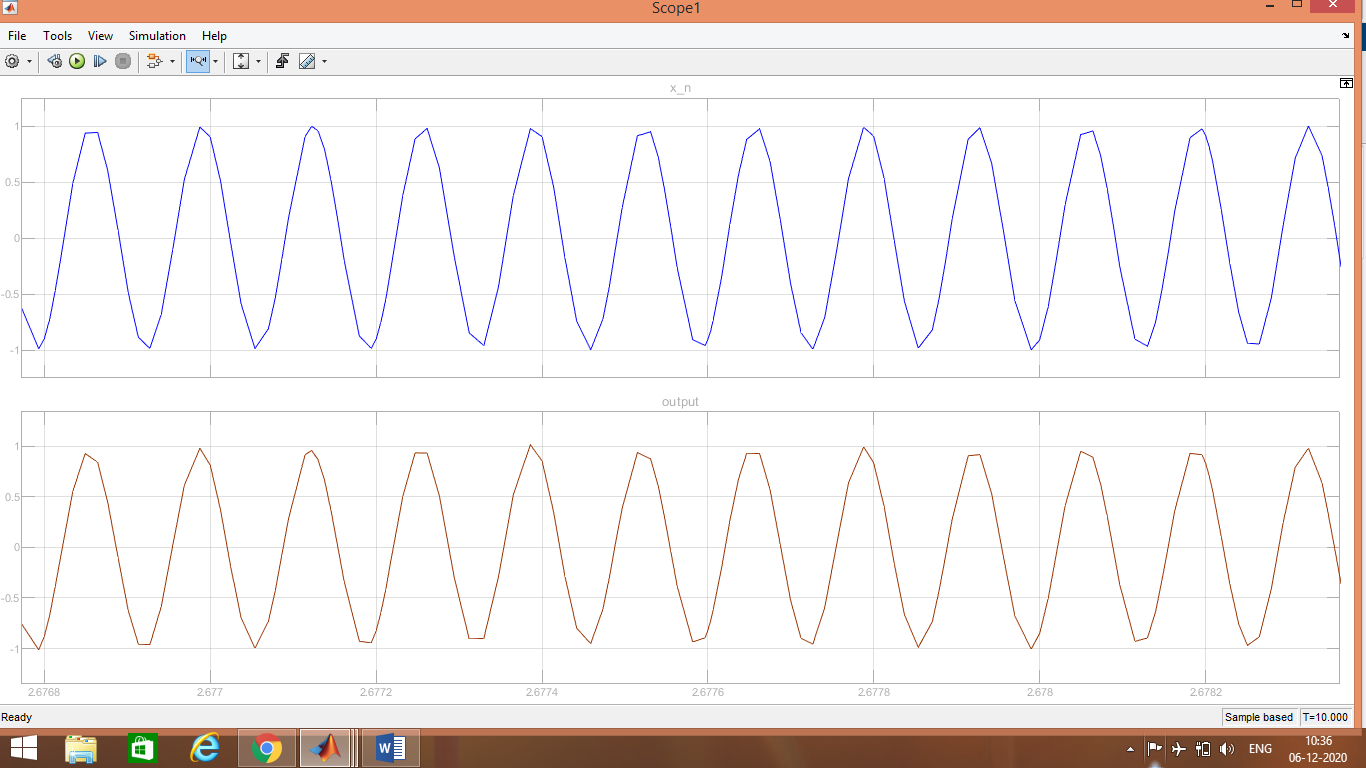
OUTPUT AT 500Hz



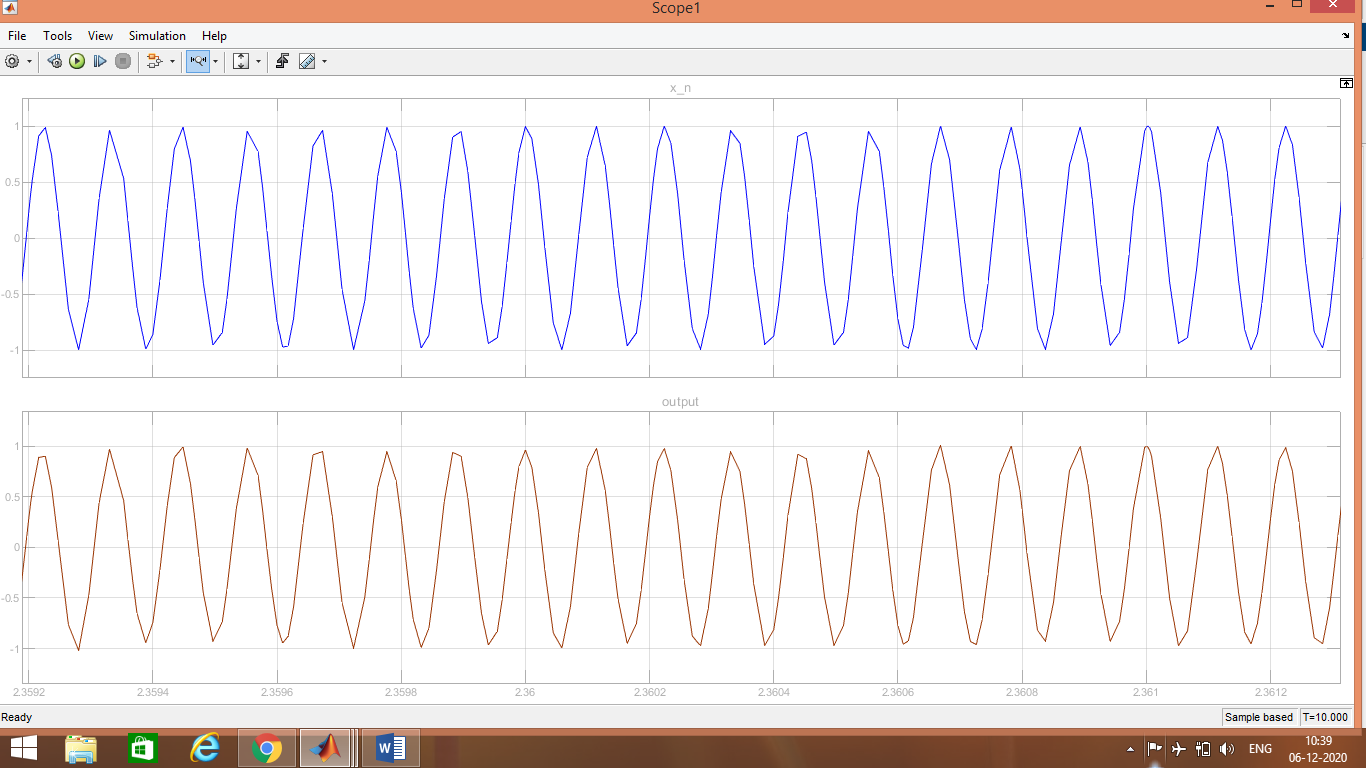
OUTPUT AT 1000HZ



Output at 7500HZ



OUTPUT AT 9000HZ



BODE PLOT

