Do Problem 5.7 in the book, except plot the truncated series of $y(t)$ for $n = -30$ to $n=30$ (that is, $N=30$). You may collaborate with other students on this project, but please turn in your own work. Turn in your analytical write-up, your MATLAB code, and your plots. Make sure that your write-up is *neat and well-organized*. 