```matlab
 1 % Sounak Ghosh
 2 % 9/28/19
 3 % ECE 202 - Fall 2019 - MATLAB Exercise M4
 4 % (a) MATLAB script of a Truncuated Power Series (t)=1+t/2?t^2/3
 5
 6
 7 clear % clears all variables in the workplace; avoids common errors
 8 clc % clears all previous outputs in the command window
 9
10
11 t = linspace(0,6,401);          % 0 to 2s, needed for plot
12 f = 1 + t/2 - t.^2/3;     % function for trunctuated power series
13 plot(t, f,'LineWidth', 3)     % plot of time vs. f(t), with 3 thickness
14 title('ECE 202, Exercise M4, part (a): Truncuated Power Series')  %plot title
15 xlabel('Time (t) in sec')                % X axis  label
16 ylabel('f(t)','Fontsize',15)             % Y axis label
17
18
19
20
```