t=[-2 -1 -1 0 0 1 2 2 3]

x=[ 0 0 -1 -1 0 0.5 1 0 0]

subplot(211),plot(t,x)

plot(t,x,'linewidth',1.5)

xlabel('t')

ylabel('x(t)')

title('Original');

axis([-3 3 -1 1]);

grid;

subplot(212)

h=((3\*t)-6);

plot(h,x,'linewidth',1.5)

xlabel('h')

ylabel('x(h)')

title('1.a');

axis([-3 3 -1 1])

grid;

subplot(213)

q=((-4\*x)+2);

plot(t,q,'linewidth',1.5)

xlabel('t')

ylabel('Q(t)')

title('1.b');

axis([-3 3 -1 1])

grid;

x =

Columns 1 through 5

0 0 -1.0000 -1.0000 0

Columns 6 through 9

0.5000 1.0000 0 0