```
>> %% ********** Q1 *********
t= 0:1;
g_t = t
k_t = -t
y_t = k_t+3
hold on
plot(t,g_t,'r')
plot(t,k_t,'g')
plot(t+3,y_t,'b')
hold off
title('Queestion 1 system1 g(t) to y(t)');
xlabel('t');
legend('g(t) = t','k(t) = g(-t)','y(t) = k(t+3)');
grid on;
```

```
g_t =

     0     1


k_t =

     0    -1


y_t =

     3     2

>>
```