```
eta = logsout{1}.Values.Data();
nu = logsout{2}.Values.Data();
t = logsout{1}.Values.Time();
N = length(t);
x_d = zeros(1,N);
x_d(1,:) = xd_n;
y_d = zeros(1,N);
y_d(1,:) = yd_n;
% plot(eta(:,1),eta(:,2))
figure(1)
plot(t,x_d)
hold on
plot(t, eta(:,1))
legend('x','x_d')
xlabel('t [s]')
ylabel('x^n')
figure(2)
plot(t,y_d)
hold on
plot(t, eta(:,2))
legend('y','y_d')
xlabel('t [s]')
ylabel('y^n')
hold off
```





