```
clc;
clear;
clear all;

lags = 1;

tf = 25;
t = linspace(0, tf, 10);


solu = dde23(@ddefuncu, lags, @uhist, t);
solu2 = dde23(@ddefuncu2, lags, @uhist, t);
solu3 = dde23(@ddefuncu3, lags, @uhist, t);

t3 = solu.x;
u  = solu.y;
t5 = solu2.x;
u2  = solu2.y;
t6 = solu3.x;
u3  = solu3.y;

figure(2);
plot(t3, u);
hold on
plot(t6, u3);
hold off
title('du/dx solutions')
xlabel('x')
ylabel('u(x)')
legend('\lambda = 1', '\lambda = 1.8', 'location','northwest')
grid

function du = ddefuncu(t, u, UL)

    lam = 1;

    du = -(lam*u + lam) * UL;

end
function du = ddefuncu2(t, u, UL)

    lam = pi/2;

    du = -(lam*u + lam) * UL;

end
function du = ddefuncu3(t, u, UL)

    lam = 1.8;

    du = -(lam*u + lam) * UL;

end

function u = uhist(t)

    u = .5 - 1;

end
```