
```
function [ y ] = RungeKutta( f,y0,dt,t_end )
%UNTITLED Summary of this function goes here
% Detailed explanation goes here
len = t_end/dt;

y = [y0,zeros(1,len)];
for n = 1:len
    temp1 = f(y(n));
    temp21 = RKEuler(temp1,y(n),dt/2,dt/2);
    temp2 = f(temp21(2));
    temp31 = RKEuler(temp2,y(n),dt/2,dt/2);
    temp3 = f(temp31(2));
    temp41 = RKEuler(temp3,y(n),dt,dt);
    temp4 = f(temp41(2));
    y(n+1) = y(n) + dt * (1/6) * (temp1 + 2*temp2 + 2*temp3 + temp4);
end

end
```

*Error using RungeKutta (line 4)
Not enough input arguments.*

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