
```
function[t, y] = imprvdmyleuler(f, tinit, yinit, b, n)

h = (b - tinit)/n;

t = zeros(n+1, 1);
y = zeros(n+1, 1);

t(1) = tinit;
y(1) = yinit;

for i = 1:n
    yprime = f( t(i), y(i) );
    t(i+1) = t(i) + h;
    y(i+1) = y(i) + h/2 * ( yprime + f( t(i+1), y(i)+(h*yprime) ) );
end
```

Not enough input arguments.

Error in imprvdmyleuler (line 3)
h = (b - tinit)/n;

Published with MATLAB® R2022b