

```
commandwindow
clear
clc
format short g

y=1.4
t=0
h=0.1

for i=1:50
    iter(i+1)= i
    t(i+1)= t(i)+ h
    y(i+1)= y(i)+(h*((2*t(i))+(y(i)^2)))
    if t(i+1)>= 0.5
        break
    end
end
end
tab = [iter' t' y']
```