

```
commandwindow
clear
clc
format short g
syms V
V=0.5
for i=1:50
    iter(i+1)=i
    V(i+1)=((34.3+(0.02*V(i)))*(500+(log(V(i)))^3))/0.3)^0.5
    Ea(i+1)=abs((V(i+1)-V(i))/V(i+1))*100
    if Ea(i+1)<=1E-11
        break
    end
end
iter'
Ea'
V'
table=[iter' V' Ea']
```