

```

commandwindow
clear
clc
close all
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'
    table=[iter' V' Ea']

```

2)

```

commandwindow
clear
clc
format short g
syms v
v=0.5
for i=1:34.335
    vf(i)=(i)
    iter(i+1)=i;
    v(i+1)=33.33333 + 0.06667*(log(v(i)))^3;
    vf(i+1)=v(i)
    Ea(i+1)=abs((v(i+1)-v(i))/v(i+1))*100
    if Ea(i+1)<=1E-11
        break
    end
end
vf'
iter'
Ea'
tablo=[iter' v' Ea']

```