

```
commandwindow
clear
clc
format short g
v=40
g=9.81
m=68.1
t=10
p=0.35
for i=1:100;
    iter(i+1)=i
    p(i+1)=(g*m/v)*(1-exp(-p(i)*t/m))
    error(i+1)=((p(i+1)-p(i))/p(i+1))*100
    if error(i+1) <= 1E-11
        break
    end
end
tab=[iter' p' error']
```