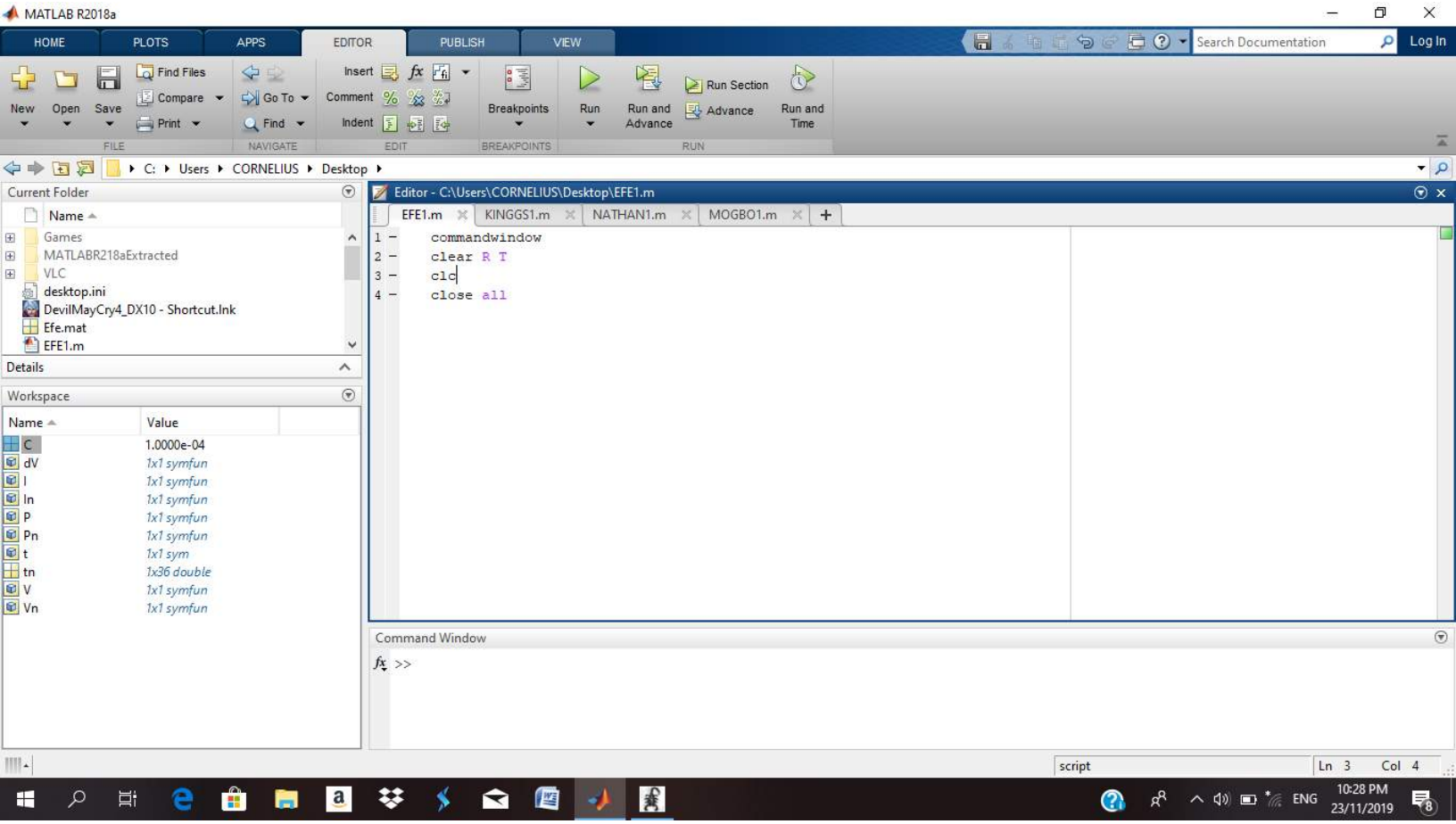
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Efe.mat
EFE1.m
Details
Workspace
Name
Value
C
1.0000e-04
dV
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I
1x1 symfun
In
1x1 symfun
P
1x1 symfun
Pn
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tn
1x36 double
V
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1x1 symfun
Editor - C:\Users\CORNELIUS\Desktop\EFE1.m
EFE1.m
KINGGS1.m
NATHAN1.m
MOGBO1.m
1 - commandwindow
2 - clear R T
3 - clc
4 - close all
Command Window
>>
script
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Current Folder

Name
- ABIOYE 2.m
- desktop.ini
- DevilMayCry4_DX10 - Shortcut.lnk
- Efe.mat
- EFE1.m
- EFE2.m
- Efe 2.mat

EFE1.m (Script)

Workspace

Name	Value
A	4x4 double
B	[10;8;3;-7]
C	4x4 double
K	[272;275;270;277]
T	[-1.0000;2.0000;-3.000...

Editor - C:\Users\CORNELIUS\Desktop\EFE2.m

EFE2.m | KINGGS2.m | NATHAN2.m | MOGBO2.m | SAMAD2.m | ABIOYE2.m

```
1 -    commandwindow
2 -    clear
3 -    clc
4 -    close all
5 -    A=[1 -2 -1 3;2 3 0 1;1 0 -4 -2;0 -1 3 1]
6 -    C= inv(A)
7 -    B=[10;8;3;-7]
8 -    T=C*B
9 -    K=273+T
```

Command Window

```
T =

   -1.0000
    2.0000
   -3.0000
    4.0000


K =

   272
   275
   270
   277

>>
```

2 usages of "T" found

script | Ln 9 | Col 8

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Current Folder

Name
- ABIOYE3.m
- ABIOYE 2.m
- desktop.ini
- DevilMayCry4_DX10 - Shortcut.lnk
- Efe.mat
- EFE1.m
- EFE2.m

EFE1.m (Script)

Workspace

Name	Value
C	1.0000e-04
dV	1x1 symfun
I	1x1 symfun
In	1x1 symfun
P	1x1 symfun
Pn	1x1 symfun
t	1x1 sym
tn	1x36 double
V	1x1 symfun
Vn	1x1 symfun

Editor - C:\Users\CORNELIUS\Desktop\EFE3.m

EFE3.m | KINGGS3.m | NATHAN3.m | MOGBO3.m | SAMAD3.m | ABIOYE3.m | TESLIM3.m

```
1 -    commandwindow
2 -    clear
3 -    clc
4 -    close all
5 -    syms t
6 -    V(t)=110*cos(120*pi*t)
7 -    C=100.*(10.^-6)
8 -    dV=diff (V)
9 -    I= C*dV
10 -   P=V(t)*I
11 -   tn=[0:0.01:0.35]
12 -   Vn=subs(V,tn)
13 -   In=subs(I,tn)
14 -   Pn=subs(P,tn)
15 -   plot(tn,Vn,tn,In,tn,Pn)
16 -   xlabel('Time(secs)')
17 -   ylabel('Variable')
18 -   grid on
19 -   grid minor
20 -   legend('voltagde(V)','Current(A)','Power(W)')
```

Command Window

```
[ 0, -(363*2^(1/2)*pi*(5^(1/2)/4 + 1/4)*(5 - 5^(1/2))^(1/2))/10, -(363*2^(1/2)*pi*(5^(1/2)/4 - 1/4)*(5^(1/2) + 5)^(1/2))/1

>>
```

script | Ln 14 | Col 14

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