

MATLAB R2018a

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FILE NAVIGATE EDIT BREAKPOINTS RUN

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Current Folder

- Games
- MATLABR2018aExtracted
- VLC
- desktop.ini
- DevilMayCry4_DX10 - Shortcut.Ink
- Efe.mat
- EFE1.m

Details

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\KINGGS1.m

```
1 - commandwindow
2 - clear R T
3 - clc
4 - close all
```

Command Window

```
f >>
```

script Ln 4 Col 10

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

EF1.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;-3.0000...

Editor - C:\Users\CORNELIUS\Desktop\KINGGS2.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

```

script Ln 4 Col 10

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MATLAB R2018a

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Current Folder

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

EFEE1.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\KINGGS3.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('voltage(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

```

Ln 20 Col 46

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