

MATLAB R2017a

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File Edit View Command Window

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Editor: C:\Users\Emeka\Documents\car3.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  T = C*B
8  T
9  K = 272+ T

```

Command Window

```

-1.0000
 2.0000
-3.0000
 4.0000

K =
    272
    275
    276
    277

```

Workspace

Name	Value
A	4x4 double
C	[1000:1:7]
T	4x4 double
K	[272:275:277]
B	[1.0000;2.0000]

script | Ln 1 | Col 14 | 7:41 PM | 11/23/2019

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Run Section

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Name

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- lclata.cmd
- lclata.cmd
- lclata_offline
- matlab.exe
- mlbuild.bat
- mlbuild
- mlbuild
- mlbuild

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
In	1x1h double
V	1x1 symfun

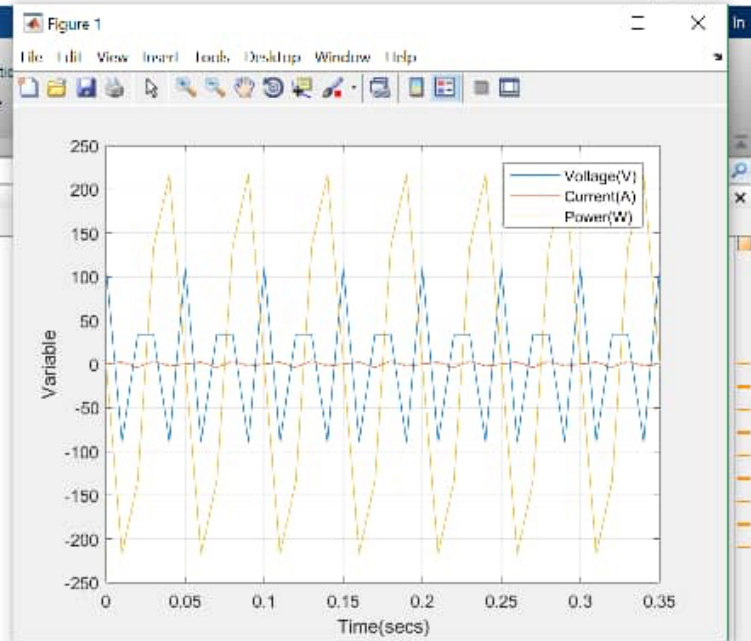
Editor: C:\Users\Emeka\Documents\car1.m

```

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 I=V(t)+I
11 Ln=[0:0.01:0.35]
12 Vn=subs(V,tn)
13 In=subs(I, Ln)
14 Pn=subs(I, tn)
15 plot(Ln,Vn, Ln, In, Ln, Pn)
16 xlabel('Time (secs)')
17 ylabel('Variable')
18 grid on
19 grid minor
20 legend('Voltage (V)', 'Current (A)', 'Power (W)')

```

Command Window



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System tray: 7:44 PM, 11/23/2019

MATLAB R2017a

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File Explorer: C:\Program Files\MATLAB\R2017a\bin

Editor: C:\Users\Emeka\Desktop\mathlab\kinggs\kinggstestthree.m

```
1 - comment: window
2 clear A T
3 c = c;
4 close all
```

Command Window: fx >>

Name	Value
A	4x4 double
I	[1000; 1:-7]
C	4x4 double
K	[2/7 2/15 2/10 ...]

Type here to search

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