

***Script_TP01_Application_02**

```
% APPLICATION 2:
```

```
A=[1 2 3
```

```
4 5 6
```

```
7 8 0];
```

```
B=[9 10 11
```

```
12 13 14
```

```
15 16 0];
```

```
% Construction des matrices C,C2,C3,D1 et D2:
```

```
C1=A*B
```

```
C2=B*A
```

```
C3=A.*B
```

```
D1=A^3
```

```
D2=A.^3
```

***Commande window**

```
>> TP1_Application_02
```

```
C1 =
```

```
78 84 39
```

```
186 201 114
```

```
159 174 189
```

```
C2 =
```

```
126 156 87
```

```
162 201 114
```

```
79 110 141
```

C3 =

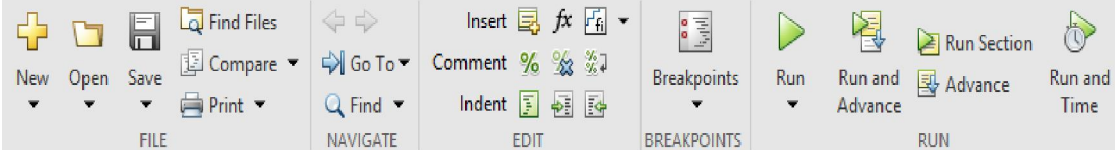
9	20	33
48	65	84
105	128	0

D1 =

279	360	306
684	873	684
738	900	441

D2 =

1	8	27
64	125	216
343	512	0



Current Folder: F:\Abdelhadi\logiciels\Program files\Matlab R2021a\applications\TP1_Application_02.m

Editor - F:\Abdelhadi\logiciels\Program files\Matlab R2021a\applications\TP1_Application_02.m

Current Folder:
Name
TP1_Application_01.m
TP1_Application_02.m

```
TP1_Application_02.m
1  % APPLICATION 2:
2  A=[1 2 3
3    4 5 6
4    7 8 0];
5  B=[9 10 11
6    12 13 14
7    15 16 0];
8  % Construction des matrices C,C2,C3,D1 et D2:
9  C1=A*B
10 C2=B*A
11 C3=A.*B
12 D1=A^3
13 D2=A.^3
```

Workspace

Name	Value
A	[1,2,3;4,5,6;7,8,0]
B	[9,10,11;12,13,14;15,1,...
C1	[78,84,39;186,201,114;...
C2	[126,156,87;162,201,1,...
C3	[9,20,33;48,65,84;105,...
D1	[279,360,306;684,873,...
D2	[1,8,27;64,125,216;343,...

Command Window

New to MATLAB? See resources for [Getting Started](#).

>> TP1_Application_02

C1 =

```
78    84    39
186   201   114
159   174   189
```

C2 =

```
126   156    87
162   201   114
79    110   141
```

C3 =

fx

Details

