

NAME: OLUYEMI ISRAEL ANJOLUWAPO

MATRIC: DA/ENG06/057

DEPT: MECHANICAL ENGINEERING

COURSE: ENG 221

ASSIGNMENT

1.)

THE COMMANDS INCLUDE:

- Commandwindow
- Clear
- iX

2.)

```
commandwindow
clear
clc
A=[2,3,7,9,4;3,7,9,12,5;4,8,5,6,9;5,9,2,4,5;6,2,3,7,8]
ISRAEL=det(A)
OLUYEMI=transpose(A)
ANJOLUWAPO=inv(A)
T=ISE (ANJOLUWAPO)
```

3.)

```
commandwindow
clear
clc
X=[0,10,4,-2;-3,-17,1,2;2,1,1,0;8,-34,16,-10]
Y=[-4;2;6;4]
Z=inv(X)
A=Z*Y
2
```

NAME: OLIVIA ISRAEL ANICOLDWAP0

MAFRC: 16/ENGG0107

DEPT: MECHANICAL ENGINEERING

COURSE: ENG 281

ASSIGNMENT

1.)

THE COMMANDS INCLUDE:

- `commandwindow`
- `clear`
- `clc`

2.)

```
commandwindow
clear
clc
A=[2,3,7,9,4;3,7,9,12,5;4,0,5,6,9;5,9,2,4,5;6,2,3,7,8]
ISHAEI=det(A)
OLIVIA=transpose(A)
ANICOLDWAP0=inv(A)
T=rat(ANICOLDWAP0)
```

3.)

```
commandwindow
clear
clc
X=[0,10,4,-2;-3,-17,1,2;1,1,1,0;8,-34,16,-10]
Y=[-4;2;6;4]
Z=inv(X)
A=Z*Y
3
```

NAME; OLUYEMI ISRAEL ANUOLUWAPO

MATRIC; 16/ENG06/057

DEPT; MECHANICAL ENGINEERING

COURSE; ENG 281

ASSIGNMENT

1.)

THE COMMANDS INCLUDE;

- Commandwindow
- Clear
- clc

2.)

commandwindow

clear

clc

A=[2,3,7,9,4;3,7,9,12,5;4,8,5,6,9;5,9,2,4,5;6,2,3,7,8]

ISRAEL=det(A)

OLUYEMI=transpose(A)

ANUOLUWAPO=inv(A)

- `clear`
- `clc`

2.)

`commandwindow`

`clear`

`clc`

`A=[2,3,7,9,4;3,7,9,12,5;4,8,5,6,9;5,9,2,4,5;6,2,3,7,8]`

`ISRAEL=det(A)`

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`T=rat(ANUOLUWAPO)`

3.)

`commandwindow`

`clear`

`clc`

`X=[0,10,4,-2;-3,-17,1,2;1,1,1,0;8,-34,16,-10]`

`Y=[-4;2;6;4]`

`E=inv(X)`

`A=E*Y`

3

```
2 clear
3 clc
4 A=[2,3,7,9,4;3,7,9,12,5;4,8,5,6,9;5,9,2,4,5;6,2,3,7,8]
5 ISRAEL=det(A)
6 OLUYEMI=transpose(A)
7 ANUOLUWAPO=inv(A)
8 T=rat(ANUOLUWAPO)
9
```

Command Window

-4
[]

Z =

-0.1786	-0.1020	0.5714	0.0153
0.0357	-0.0153	0.0357	-0.0102
0.1429	0.1173	0.3929	-0.0051
-0.0357	0.1582	0.9643	-0.0612

A =

4.0000
-0.0000

commandwindow

```
clear
```

```
clc
```

```
X=[0,10,4,-2;-3,-17,1,2;1,1,1,0;8,-34,16,-10]
```

```
Y=[-4;2;6;4]
```

```
Z=inv(X)
```

```
A=Z*Y
```

Command Window

```
-4  
2  
6  
4
```

Z =

```
-0.1786    -0.1020    0.5714    0.0153  
0.0357    -0.0102
```