

NAME : Sadiku Faith Oyindamola

DEPT : Civil Engineering

MATRIC NO : 16/MHS02/030

1.

```
commandwindow
```

```
clear
```

```
clc
```

```
close all
```

2.

```
commandwindow
```

```
clear
```

```
clc
```

```
close all
```

```
M = [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];
```

```
Realm = det(M);
```

```
Elephant = transpose(M);
```

```
Law = M^(-1);
```

```
Dart = rat(Law);
```

3.

```
commandwindow
```

```
clear
```

```
clc
```

```
close all
```

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

```
F = det(W);
```

```
J = transpose(W);
```

```
A = W^(-1);
```

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

```
P = O*A;
```