

NAME: UJILE UNYE DAVID
MATRIC NO. : 17/ENG02/077
DEPARTMENT: COMPUTER ENGINEERING

```
commandwindow  
clear  
clc  
a=[1,-2,-1,3;2,3,0,1;1,0,-4,-2;0,-1,3,1]  
eig(a)
```

a =

```
1 -2 -1 3  
2 3 0 1  
1 0 -4 -2  
0 -1 3 1
```

ans =

```
2.4323 + 2.2437i  
2.4323 - 2.2437i  
-1.9323 + 1.7651i  
-1.9323 - 1.7651i
```