

1. commandwindow

```
clear  
clc  
close all
```

2.  $A = [2 \ 3 \ 7 \ 9 \ 4; 3 \ 7 \ 9 \ 12 \ 5; 4 \ 8 \ 5 \ 6 \ 9; 5 \ 9 \ 2 \ 4 \ 5; 6 \ 2 \ 3 \ 7 \ 8]$   
 $B = \det(A)$   
 $C = A'$   
 $D = \text{inv}(A)$

3.  $E = [0, 10, 4, -2; -3, -17, 1, 2; 1, 1, 1, 0; 8, -34, 16, -10]$   
 $F = [-4; 2; 6; 4]$   
 $G = \text{inv}(E) * x$   
 $W = N(1, 1)$   
 $X = N(2, 1)$   
 $Y = N(3, 1)$   
 $Z = N(4, 1)$