```
% Q-1
C = [1 2 5; -1 0 1; 3 2 -1; 0 1 4]
F = C(:,2:3)
% Q-2
C = [1 2 5; -1 0 1; 3 2 -1; 0 1 4]
G = C(3:4,1:2)
```

Output:

```
C =

   1   2   5
  -1   0   1
   3   2  -1
   0   1   4

F =

   2   5
   0   1
   2  -1
   1   4

C =

   1   2   5
  -1   0   1
   3   2  -1
   0   1   4
```

G =

3 2

0 1

```
%Q-3
A = [1 2 -1 0; 0 5 3 0; -2 0 0 4; 0 6 -4 -3];
B = [9 13 5 2; 1 11 7 6; 3 7 4 1;6 0 7 10];
sum = A+B;
diff = A-B;
prodAB = A*B;
prodBA = B*A;
t = 10*A;
trA = A';
%Q-4
B = [3 4 5; 8 9 10; 6 7 1];
x = B(3,:)';
sol = B*x;
disp(sol)
```

Output:

51

121

86