

```

1  T = [3 4; 1 8; -4 3] ;
2  A = [diag(-1:2:3) T; -4 4 1 2 1]
3
4  a = A(3,[2,4])
5
6  b = min(A(:,3))
7
8  c = max(A(2,:))
9
10 d = sum(A(:,2))
11
12 e = mean(A([1,4],:))
13
14 f = A([1,3],:)
15
16 g = A(1:2,3:5)
17
18 h = sum(A(1,:)) + sum(A(2,:))
19
20 i = A(:,2:3) + 3
21
22 % 2. Determine which of the following statements can be correctly executed and provide the
    result
23 x = [1 3 7];
24 y = [2 4 2];
25 A = [3 1 6; 5 2 7];
26 B = [1 4; 7 8; 2 2];
27
28 a = x+y
29 b = x+A
30 c = A - [x' y']
31 d = [x;y] + A
32 e = [x;y']
33 f = [x;y]
34 g = A-3
35 h = A+B
36 i = B'+A
37 j = B*A
38 k = A'.*B
39 l = 2*B
40 m = 2.*B
41 n = 2/A
42 o = ones(1,3)*A
43
44 % 3.Explain the results or perform the following commands
45 A = [2 7 9 7; 3 1 5 6; 8 1 2 5];
46
47 a = A'
48 b = A(1,:)
49 c = A(:, [1 4])
50 d = A([2 3], [3 1])
51 e = A(:)
52 f = [A; A(1:2,:)]
53 g = sum (A)
54 h = sum (A')
55 i = mean (A)
56 j = mean (A'')
57 k = sum (A, 2)
58 l = min (A)
59 m = max (A')
60 n = min (A(:, 4))
61 o = max (min(A))
62
63

```