2.2 Quiz.

1. Assume that array \( c \) is defined as shown, and determine the contents of the following subarrays:

\[
c = [1.1 -3.2 3.4 0.6; 0.6 1.1 -0.6 3.1; 1.3 0.6 5.5 0.0]
\]

(a) \( c(2,:) \)
(b) \( c(:,\text{end}) \)
(c) \( c(1:2,2:\text{end}) \)
(d) \( c(6) \)
(e) \( c(4:\text{end}) \)
(f) \( c(1:2,2:4) \)
(g) \( c([1\ 3],\ 2) \)
(h) \( c([2\ 2],[3\ 3]) \)

2. Determine the contents of array \( a \) after the following statements are executed.

(a) \( a=[1\ 2\ 3;4\ 5\ 6;7\ 8\ 9]; \\
a([3\ 1],:) = a([1\ 3],:);
\)

(b) \( a=[1\ 2\ 3;4\ 5\ 6;7\ 8\ 9]; \\
a([1\ 3],:) = a([2\ 2],:);
\)

(c) \( a=[1\ 2\ 3;4\ 5\ 6;7\ 8\ 9]; \\
a=a([2\ 2],:);
\)

3. Determine the contents of array \( a \) after the following statements are executed.

(a) \( a = \text{eye}(3,3); \\
b = [1\ 2\ 3]; \\
a(2,:) = b;
\)

(b) \( a = \text{eye}(3,3); \\
b = [4\ 5\ 6]; \\
a(:,3) = b;
\)

(c) \( a = \text{eye}(3,3); \\
b = [7\ 8\ 9]; \\
a(3,:) = b([3\ 1\ 2]);
\)