```
%NAME :             Daniel Fegor Ukodie
%MAT NO:            ENG1804810
%DEPARTMENT:        COMPUTER ENGINEERING
%COURSE CODE:       ECP281

% QUESTION 1
a = 1;
b = 1;
c = 1;
x = 1.6;

d = sqrt(b^2 - 4*a*c);

x1 = (-b + d)/ (2*a);
x2 = (-b - d)/ (2*a);


% Question 1a
disp( a*(x^2) + b*x + c );

% Question 1b
disp([x1 x2]);



% QUESTION 2
A = [1 2 3;1 5 0; 0.5 1.5 4];
B = [6;6;6];
disp(A\B);
```

```
5.1600

  -0.5000 + 0.8660i   -0.5000 - 0.8660i

       1
       1
       1
```

```
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   %MAT NO:         ENG1804810
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   a = 1;
   b = 1;
   c = 1;
   x = 1.6;

   d = sqrt(b^2 - 4*a*c);

   x1 = (-b + d)/(2*a);
   x2 = (-b - d)/(2*a);


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   % QUESTION 2
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    5.1600

  -0.5000 + 0.8660i  -0.5000 - 0.8660i

    1
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>>
```