```
%% Quiz 4 - Quadratic Programming
%% example done together

H = [1 -1;
    -1 2];
f = [-1; -1];
A = [1 1;
    -2 -3];
b = [3; 6];
lb = [0; 0];

x = quadprog(H, f, A, b, [], [], lb, [])
```

Minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in feasible directions, to within the value of the optimality tolerance, and constraints are satisfied to within the value of the constraint tolerance.

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```
<stopping criteria details>
x = 3×1
    380.9524
    476.1905
    142.8571
```