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**Video Lecture 4 Assignment**

1. >> A = [1 2 3; -1 0 -1; 2 1 3];

x = [4 1 1]';

y = A\*x;

w = dot(x,y)

w = 43

1. >> A = [1 2 3 4; 5 6 2 -1; 1 0 0 1; 1 -1 1 -1];

b = [44 45 3 4]';

x=A\b

x =

1.0000

4.0000

9.0000

2.0000