Exempel 3.1

```
>> A = [1 40 1600; 1 50 2500; 1 60 3600]

A =        1          40        1600
           1          50        2500
           1          60        3600

>> b = [55.3;92.5;149.4]

b = 55.3000
    92.5000
   149.4000

>> c = A\b

c = 103.5000
     -5.1450
      0.0985

>> c(1)+c(2)*45+c(3)*45^2

ans = 71.4375
```

Exempel 2.6

```
clear,clf
x = -5:0.1:5;
ya = 4*x.^4 - 7*x.^3 + 5.5*x.^2 + 27.5*x - 50;
yb = 4*x.^4 - 7*x.^3 + 5.5*x.^2 + 27.5*x - 49;
hold on
plot(x,ya)
plot(x,yb)
title('Exempel 2.6')
xlabel('x')
ylabel('y')
gtext('En graf')
gtext('En graf till')
```