

```
x=(1:0.01:2)';  
A=[exp(x),cos(x),x.^5];  
b=1./x;  
c=A\b;  
plot(x,b,'b'),hold on  
plot(x,A*c,'r')  
%estimates of accuracy  
norm(b-A*c,'inf')  
norm(b-A*c)/sqrt(100)
```