Minimization of matrix problems.

linprog - Linear programming.

f(x)=-5x1-4x2-6x3

x1-x2+x3≤20

3x1+2x2+4x3≤42

3x1+2x2≤30

X1≥0 x2≥0 x3≥0

Opt1 (m-file):

```
f=[-5;-4;-6];
A=[1 -1 1;3 2 4;3 2 0];
h=[20;42;30];
lb=zeros(3,1);

[x,fual,ezitflag,output,lamda]=linprog(f,A,b,[],[],lb)
```

Opt1 (Command Window):

```
>> opt1
Optimization terminated.

x = [    0.0000       1.0000       0.0000 ]
```