IP[y]: Notebook

11.3 Save QuickHelp

Notebook

Actions: New Open Download ipynb Print

Cell

Actions: Delete

Format: Code Markdown

Output: Toggle ClearAll

Insert: Above Below

Move: Up Down

Run: Selected All

Autoindent: ☑

Kernel

Actions: Interrupt Restart

Kill kernel upon exit: ☐

Help

Links: Python IPython NumPy SciPy MPL SymPy

Shift-Enter : run selected cell

Ctrl-Enter : run selected cell in-place

Ctrl-m h : show keyboard shortcuts

Configuration

Tooltip on tab: ☑

Smart completer: ☑

Time before tooltip : 1200 milliseconds

In [3]:
```
m_NOx=1.5;
m_HC=2.0;
m_CO=20.0;
m_f=120.0;
m_a=14.6*m_f;
m_tot=m_f+m_a;

w_NOx=30.0
w_HC=13.87
w_CO=30.01
w_tot=28.0


x_NOx=m_NOx/m_tot; print "x_NOx= ", x_
x_HC=m_HC/m_tot; print "x_HC= ", x_HC;
x_CO=m_CO/m_tot; print "x_CO= ", x_CO;
print "";

ppm_NOx=x_NOx*w_NOx/w_tot; print "ppm_
ppm_HC=x_HC*w_HC/w_tot; print "ppm_HC=
ppm_CO=x_CO*w_CO/w_tot; print "ppm_CO=
```

```
x_NOx=  0.000801282051282
x_HC=  0.00106837606838
x_CO=  0.0106837606838

ppm_NOx=  0.000858516483516
ppm_HC=  0.000529227716728
ppm_CO=  0.0114507020757
```

In [ ]: