Example Pymol Commands

```plaintext
select name, resi 26
show sticks, resi 209-210
color red, resi 26
select resn arg
select near , (<selection> expand 5)
```

Selections are enclosed in parentheses and contain predicates, logical operations, object names, selection names and nested parenthesis:
```
( [... [... ... ] ] )
```

```plaintext
name <atom names> n. <atom names>
resn <residue names> r. <residue names>
resi <residue identifiers> i. <residue identifiers>
chain <chain ID> c. <chain identifiers>
segi <segment identifiers> s. <segment identifiers>
elem <element symbol> e. <element symbols>
flag <number> f. <number>
alt <code>
numeric_type <numeric type> nt. <numeric type>
text_type <text type> tt. <text type>
b <operator> <value>
q <operator> <value>
formal_charge <op> <value> fc. <operator> <value>
partial_charge <op> <value> pc. <operator> <value>
id <original-index>
hydrogen h.
all *
visible v.
hetatm
<selection> and <selection> <selection> & <selection>
<selection> or <selection> <selection> | <selection>
not <selection> ! <selection>
byres <selection> br. <selection>
byobj <selection> bo. <selection>
around <distance> a. <distance>
expand <distance> e. <distance>
gap <distance> in <selection>
like <selection> l. <selection>
<selection> within <distance> of <selection> <selection> w. <distance> of <selection>
```

center translates the window, the clipping slab, and the origin to a
point centered within the atom selection.

Movie example
Here a static structure is subject to a gentle rock. The following statements create a sixty frame movie which simply rocks the protein by 10 degrees.

load test/dat/pept.pdb # load a structure
mset 1 x60 # define the movie
util.mrock(1,60,10,1,1) # issues mdo commands to create +/- 10 deg. rock over 60 frames