

\$ pl

<...snip...>

?- consult('gv.pro').

% gv.pro compiled 0.00 sec, 2,836 bytes

Yes

?- declare(x,12).

Yes

?- displayBindings.

x -> 12

Yes

?- declare(y,3.5).

Yes

?- displayBindings.

x -> 12

y -> 3.5

Yes

?- valueOf(x,X).

X = 12

Yes

?- valueOf(y,Y).

Y = 3.5

Yes

?- valueOf(x,X),valueOf(y,Y),Sum is X + Y,declare(sum,Sum).

X = 12,

Y = 3.5,

Sum = 15.5

Yes

?- displayBindings.

x -> 12

y -> 3.5

sum -> 15.5

Yes

?- binding(Variable,Value).

Variable = x,

Value = 12 ;

Variable = y,

Value = 3.5 ;

Variable = sum,

Value = 15.5 ;

No

?- valueOf(sum,Sum),Average is Sum / 2,declare(average,Average).

Sum = 15.5,

Average = 7.75

Yes

?- displayBindings.

x -> 12

y -> 3.5

sum -> 15.5

average -> 7.75

Yes

?- undeclare(sum).

Yes

?- displayBindings.

x -> 12

y -> 3.5

average -> 7.75

Yes

?- halt.