```
$ pl

<...snip...>

?- consult('gv.pro').
% gv.pro compiled 0.00 sec, 2,836 bytes

Yes
?- random(0,16,N),declare(n1,N).

N = 3

Yes
?- random(0,16,N),declare(n2,N).

N = 8

Yes
?- random(0,16,N),declare(n3,N).

N = 6

Yes
?- random(0,16,N),declare(n4,N).

N = 12

Yes
?- random(0,16,N),declare(n5,N).

N = 13

Yes
?- random(0,16,N),declare(g,N).

N = 1

Yes
?- displayBindings.
n1 -> 3
n2 -> 8
n3 -> 6
n4 -> 12
n5 -> 13
g -> 1

Yes
?- valueOf(n1,N1),valueOf(n2,N2),valueOf(n3,N3),valueOf(n4,N4),valueOf(n5,N5),declare(numbe
rs,numbers(N1,N2,N3,N4,N5)).

N1 = 3,
N2 = 8,
N3 = 6,
N4 = 12,
N5 = 13

Yes
?- displayBindings.
n1 -> 3
n2 -> 8
n3 -> 6
n4 -> 12
n5 -> 13
g -> 1
numbers -> numbers(3, 8, 6, 12, 13)

Yes
?- valueOf(g,G),declare(goal,goal(G)).
```

```
G = 1

Yes
?- displayBindings.
n1 -> 3
n2 -> 8
n3 -> 6
n4 -> 12
n5 -> 13
g -> 1
numbers -> numbers(3, 8, 6, 12, 13)
goal -> goal(1)

Yes
?- valueOf(goal,Goal),valueOf(numbers,Numbers),declare(problem,problem(Numbers,Goal)).

Goal = goal(1),
Numbers = numbers(3, 8, 6, 12, 13)

Yes
?- displayBindings.
n1 -> 3
n2 -> 8
n3 -> 6
n4 -> 12
n5 -> 13
g -> 1
numbers -> numbers(3, 8, 6, 12, 13)
goal -> goal(1)
problem -> problem(numbers(3, 8, 6, 12, 13), goal(1))

Yes
?- valueOf(problem,Problem).

Problem = problem(numbers(3, 8, 6, 12, 13), goal(1))

Yes
?- valueOf(problem,problem(N,G)).

N = numbers(3, 8, 6, 12, 13),
G = goal(1)

Yes
?- valueOf(problem,problem(numbers(N1,N2,N3,N4,N5),goal(G))).

N1 = 3,
N2 = 8,
N3 = 6,
N4 = 12,
N5 = 13,
G = 1

Yes
?- halt.
```