

```
freddy@Freddy-Laptop:~/Documents/CSC-366/programming_assignments/crypto/v1$ swipl
Welcome to SWI-Prolog (threaded, 64 bits, version 7.6.0-rc1)
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```

For online help and background, visit <http://www.swi-prolog.org>  
For built-in help, use ?- help(Topic). or ?- apropos(Word).

```
?- consult('crypto.pro').
true.
```

```
?- demo.
Numbers = {5, 7, 8, 13, 9} Goal = 12
true.
```

```
?- generate(10).
Numbers = {15, 5, 5, 14, 6} Goal = 14
Numbers = {12, 4, 2, 9, 8} Goal = 11
Numbers = {4, 2, 13, 10, 7} Goal = 1
Numbers = {12, 0, 13, 5, 7} Goal = 14
Numbers = {11, 0, 2, 6, 13} Goal = 13
Numbers = {7, 3, 0, 10, 6} Goal = 2
Numbers = {4, 1, 3, 15, 2} Goal = 8
Numbers = {0, 9, 4, 10, 0} Goal = 1
Numbers = {11, 13, 15, 2, 4} Goal = 7
Numbers = {2, 8, 1, 4, 4} Goal = 7
true .
```

```
?- halt.
```