

cryptoDCG.pro Demo

```
:-consult('io.pro').
```

```
:-consult('gv.pro').
```

```
sentence --> simpleproblemcommand,[.].
```

```
sentence --> randomproblemcommand,[.].
```

```
sentence --> simpleproblemquery,[?].
```

```
simpleproblemcommand --> [use],numberzzz,[to],[make],goal.
```

```
simpleproblemcommand --> [write],goal,[in],[terms],[of],numberzzz.
```

```
randomproblemcommand --> [use],[whatever],[to],[make],[whatever].
```

```
simpleproblemquery --> [can],[you],[make],goal,seperator,numberzzz.
```

```
seperator --> [from].
```

```
seperator --> [with].
```

```
goal --> number.
```

```
numberzzz --> number,[and],number,[and],number,[and],number,[and],number.
```

```
numberzzz --> number,number,number,number,[and],number.
```

```
numberzzz --> [the],[first],[five],[positive],[numbers].
```

```
numberzzz --> [numbers],[zero],[through],[four].
```

```
numberzzz --> [numbers],[one],[through],[five].
```

```
numberzzz --> [numbers],[two],[through],[six].
```

```
numberzzz --> [numbers],[three],[through],[seven].
```

```
numberzzz --> [numbers],[four],[through],[eight].
```

```
numberzzz --> [numbers],[five],[through],[nine].
```

```
numberzzz --> [the],[odd],[numbers].
```

```
numberzzz --> [five],pluralnumber.
```

```
numberzzz --> [four],pluralnumber,[and],[one],number.
```

```
numberzzz --> [one],number,[and],[four],pluralnumber.
```

```
numberzzz --> [two],pluralnumber,[and],[three],pluralnumber.
```

```
numberzzz --> [three],pluralnumber,[and],[two],pluralnumber.
```

```
numberzzz --> [two],pluralnumber,[and],[two],pluralnumber,[and],[one],number.
```

```
numberzzz --> [one],number,[and],[two],pluralnumber,[and],[two],pluralnumber.
```

```
numberzzz --> [two],pluralnumber,[and],[one],number,[and],[two],pluralnumber.
```

```
number --> [zero].
```

```
number --> [one].
```

```
number --> [two].
```

```
number --> [three].
```

```
number --> [four].
```

```
number --> [five].
```

```
number --> [six].
number --> [seven].
number --> [eight].
number --> [nine].
pluralnumber --> [zeros].
pluralnumber --> [ones].
pluralnumber --> [twos].
pluralnumber --> [threes].
pluralnumber --> [fours].
pluralnumber --> [fives].
pluralnumber --> [sixes].
pluralnumber --> [sevens].
pluralnumber --> [eights].
pluralnumber --> [nines].
```

%The Recognizer

%-----

```
recognizer :-
read_sentence(S),
sentence(S,[]),
write('ok'),nl,
recognizer.
```

```
recognizer :-
write('Not a sentence...'),nl,
recognizer.
```