

?- consult('crypto\_i.pro').  
true.

?- parser.

|: Use one and two and three and four and five to make zero.

problem(numbers(1,2,3,4,5),goal(0))

|: Use nine nine eight seven six to make one.

Not a sentence ...

|: Use nine nine eight seven and six to make one.

problem(numbers(9,9,8,7,6),goal(1))

|: Write five in terms of the odd numbers.

problem(numbers(1,3,5,7,9),goal(5))

|: Write zero in terms of the first five positive numbers.

problem(numbers(1,2,3,4,5),goal(0))

|: Can you make whatever from whatever?

Not a sentence ...

|: Use whatever to make whatever.

problem(numbers(5,3,2,9,3),goal(6))

|: Use whatever to make whatever.

problem(numbers(6,3,8,2,0),goal(7))

|: Can you make nine from numbers zero through four?

problem(numbers(0,1,2,3,4),goal(9))

|: Can you make five with numbers one through five?

Not a sentence ...

|: Can you make five with numbers one through five?

problem(numbers(1,2,3,4,5),goal(5))

|: Can you make zero with numbers five through nine?

Not a sentence ...

|: Can you make zero from numbers five through nine?

problem(numbers(5,6,7,8,9),goal(0))

|: Use five zeros to make one.

problem(numbers(0,0,0,0,0),goal(1))

|: Use four fours and one one to make seven.

problem(numbers(4,4,4,4,1),goal(7))

|: Use one one and four fours to make seven.

problem(numbers(1,4,4,4,4),goal(7))

|: Can you make zero from two fives and three fours?

Not a sentence ...

|: Can you make zero from two fives and three fours?

problem(numbers(5,5,4,4,4),goal(0))

|: Can you make nine from two twos and one one and three threes?

Not a sentence ...

|: Can you make nine from two twos and one one and two threes?

```

problem(numbers(2,2,1,3,3),goal(9))
|: Can you make eight from one nine and two eights and two sevens?
problem(numbers(9,8,8,7,7),goal(8))
|: Can you make zero from two ones and two twos and one nine?
problem(numbers(1,1,2,2,9),goal(0))
|:
Action (h for help) ? abort

```

% Execution Aborted

```

?- interpreter.
|: Use one and two and three and four and five to make zero.
Solution: ( ( 4 + 5 ) - ( ( 1 + 2 ) * 3 ) )
|: Use one one two two and three to make nine.
Solution: ( ( ( 1 + 1 ) + 2 ) + ( 3 + 2 ) )
|: Use five zeros to make one.
No Solution to this problem.
|: Write five in terms of the odd numbers.
Solution: ( 9 - ( ( 5 + 7 ) / ( 1 * 3 ) ) )
|: Write five in terms of the even numbers.
Not a sentence...
|: Use whatever to make whatever.
Solution: ( 9 + ( 4 * ( ( 4 + 4 ) - 8 ) ) )
|: Use whatever to make whatever.
Solution: ( ( 1 * 8 ) / ( ( 8 + 4 ) - 8 ) )
|: Can you make zero from three through seven?
Not a sentence...
|: Can you make zero from numbers three through seven?
Solution: ( ( 5 + 6 ) * ( ( 3 + 4 ) - 7 ) )
|: Can you make zero with five nines?
Solution: ( 9 * ( ( 9 + 9 ) - ( 9 + 9 ) ) )
|: Can you make four with four fours and one one?
Solution: ( ( 4 + 4 ) / ( ( 4 / 4 ) + 1 ) )
|: Can you make four with one four and four ones?
Solution: ( ( 4 + 1 ) + ( 1 - ( 1 + 1 ) ) )
|: Can you make seven with two sixes and three eights?
Solution: ( ( 6 - 6 ) + ( 8 - ( 8 / 8 ) ) )
|: Can you make seven with three eights and two sixes?
Solution: ( ( 8 + 8 ) - ( 8 + ( 6 / 6 ) ) )
|:
Action (h for help) ? abort

```

% Execution Aborted