```
NAT LIST
                                                       2420010, RHE, Suyeng
 1-0, hd (0/1/nil).
                                  - eq hd (nil) = emNht ... hd 1
                                   eg hd (X(L) = X, 1.1 hd2
                                  eq ti(nil)=nil, "tl1
   X=0 L=(1/nil)
                                  en +1(x1L) = L, "+12
+ hd((0 ((1 (nix))) by(x(L)
                                  eq [x .. Y] = if x > Y then in: 15 else 5x | [x+1 .. Y] finds
= 0 by (hd2)
                                 eg it true then 1 L 9 else 3 L 29 = L. . . . (f1
                                 eq if false then 119 else 9129 = 12, in it 2
 1-b, t1(011 1 nil)
                               1 + (21 (31 (41 (51 (16) 5) then 5 nil 5 else 9 6 1 [6+1.,5])
                                                                   ))))) ,,,by(45)
  X=0 L=C1 (nix)
                              -> (2/ C3 / C4 / C5 / (it true then Ga 5 else 5 114))))))
-+ +1 ((01 (1 [ hill))) by (XIL)
                                                                      11,65(>)
=(11nil) ba(+12)
                             + (21(31(41(5/n/1))) 1 by (1/1)
 I-C, [2,,5]
                                            =(2|3|4|5/nil)
+ (if(2>5) then fristelse 52 | [2+1 , 5] f) in by(ls)
+ (if false then sin selses " 5) "by (>)
+(2|[2+1...5]) ... by ((+2) +(2|[3...5]) ... by (+)
 -> (2/Cit3>5)then Inilhelse (3/ [3+1 ., 5] 5) .. by (ls)
 + (21 (it talse then 9 n 5 else 9 " 3) 11 by (>)
+(2|(3|[3+1,5])) " by (f_2) + (2|(3|[4,5])) " by (+)
 + (2 | C3 | (if (4)5) then 9 nil 9 else (4 | [4+1,15] ()) " by (ls)
 -> (2/(3/(it shoe then 5 11 5 else 5 1, 5))) 11. by(>)
+ (21(31(41[4+1,5]))) ...by(42) + (21(31(41[5,5]))) ...by(4)
-> (21(31 (41(if(5 > 5) then ghildelse 95 [ [5+1 ", 5] 97)) " by Cls)
 + (21(31(41 (# false then h 11 4 else ( " 4)))) " by (>)
+(2|(3|(4|(5|[5+1...5])))))(by(42)+(2|(3|(4|(5|[6...5]))))(by(4)
```