PEANO NUMBERS

- "LIST" REPRESENTATION OF NUMBERS

- USES ONLY A ZERO FUNCTION AND A SUCCESSOR FUNCTION
  - ↳ TECHNICALLY A PREDECESSOR FUNCTION TOO, BUT THAT REMOVES A SUCCESSOR

- THE BASIC PRINCIPLE IS THE REPEATED ADDITION OF 1

- **SUCCESSOR**
  - ↳ SUCC / S
  - ↳ THE NUMBER THAT "COMES NEXT"

- **PREDECESSOR**
  - ↳ Pred / p
  - ↳ the previous number
  - ↳ inverse of succ

NUM	DIGIT	PEANO REPRESENTATION	
ZERO	0	ZERO	zero
ONE	1	Succ Zero	succ zero
TWO	2	Succ One	succ succ zero
THREE	3	Succ Two	succ succ succ zero
FOUR	4	Succ Three	succ succ succ succ zero