······································	Type Theory
	Thentity programs w/ errors before running them
	"in+x;" "x(17);" > "Yu, dilynx is aint?  "(in+(x)(m+))x(17) (an+j-mp du st)".
	"(1x, (+ 17") > no. NoT a program  "17 + (1x,x)" > stuck, Yes! (Find all stuck 18th) "42" > no.
	"YZ should be $50'' \rightarrow Yes$ "YZ should being $(50)'' \rightarrow g$ is an Abstraction / concrete $g(50) = 50$ $g(50) = positive$ $g(50) = even$ $g(50) = int$
	A type system verifies P(m) for all Mein Hulangunge P(·) = m does not level NULL ptrs P(·) = M acquires lock in alphabetreal order
	"assent M" "assent False" ≠> stuck "assent T" ⇒> T
	simplify to => stop/letect stuck programs

No Null Derefs Strogram) HasType S & ( Programs	
	× Dadadype)
*NULL & NND (1, int) ∈ HT 1+1 ∈ NND (1, bool) & HT	
1+1 & NND (1,6001) & HT	
Most typesystems decidable (x, ) + HT	
A A A A A A A A A A A A A A A A A A A	
ideally as (or positive) Hastope & P & Program Water	( x pc)
untime impact (any, Li int)	
("in+x", x, in+) €	
("in+x", x, bool) &	Miles and the second se
(any, 1+1, M+) AHT premare	The Control of the Co
(any ,1+Z, m+) FTT conclusion	
C"M+x", 1+3, m+) FHT	
YELLR (E, L, int) EHT (E, R, int)	4HT
(E, L+R, int) EHT	
(Env, Program, Type) EHT	
	(1)
Env FP: T MFLint MFR:  7 Proves that has type MF6: int MFL+R: int	
$\mathcal{C}_{\bullet}$	A 100 C 100
type judgment type rule	
	and the second s

20-3/	M:= X   b b is shek  12X, M 10^ M  1MN
	$T := (T \rightarrow T) \qquad P := \bullet    P, \chi : T$ $                   $
	$\Delta(b) = B$ by $4 \text{ fm}$ $\Delta(5) = \text{Int}$
	TLB: B a conshart to type fin D (three) = Boul
	ν + M; : T; Δ(or): T, >(Tz >(Tz >)( > TR))))
	$\Gamma + \delta^{n} M_{p} M_{n} : T_{R}$ $\Delta(+) = I_{n} + \rightarrow I$
	M+M: To-TR PHV:To M, X: TO +M => TR P(X) =T
	MIMN: TR MIX.M: TD = TR MIX.T
	Topo: Is the type sys 'cornect'?
	Is He type sys Jecidable?
	Yr,p,T, ¿n+p++3 or ¿¬ n+p++3
	Yn,p, {3t, n+p: t3 or {Yt, 7 [+p: t3]
	Is it efficient? run in I mear time?
	M:=   XXX   \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

