Modernized Algol*

Types

$\tau ::=$	nat	numbers
	au ightarrow au	functions
	cmd	command

Expressions

Commands

$$m := \operatorname{ret} e$$
 return bnd $x \leftarrow e; m$ sequence dcl $a := e$ in m new assignable @a fetch $a := e$ assign

 $^{^{0}}$ As presented in $Practical\ Foundations\ for\ Programming\ Languages\$ by Robert Harper.