

IMP

MODULE IMP-SYNTAX

SYNTAX

$AExp ::= Int$

$| Id$

$| AExp / AExp$

$| AExp + AExp$

$| (AExp)$

$[strict]$

$[strict]$

$[bracket]$

SYNTAX

$BExp ::= Bool$

$| AExp \leq AExp$

$| ! BExp$

$| BExp \&\& BExp$

$| (BExp)$

$[seqstrict]$

$[strict]$

$[strict(1)]$

$[bracket]$

SYNTAX

$Block ::= \{\}$

$| \{Stmt\}$

SYNTAX

$Stmt ::= Block$

$| Id = AExp ;$

$| \text{if } (BExp)Block \text{ else } Block$

$| \text{while } (BExp)Block$

$| Stmt Stmt$

$[strict(2)]$

$[strict(1)]$

SYNTAX

$Pgm ::= \text{int } Ids ; Stmt$

SYNTAX

$Ids ::= List\{Id, \text{“}, \text{”}\}$

END MODULE

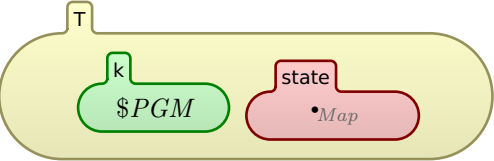
MODULE IMP

SYNTAX

$KResult ::= Int$

$| Bool$

CONFIGURATION:



END MODULE