

IMP

MODULE IMP-SYNTAX

SYNTAX

$AExp ::= Int$

|

Id

|

$AExp / AExp$ [strict]

|

$AExp + AExp$ [strict]

|

$(AExp)$ [bracket]

SYNTAX

$BExp ::= Bool$

|

$AExp \leq AExp$ [seqstrict]

|

$! BExp$ [strict]

|

$BExp \&\& BExp$ [strict(1)]

|

$(BExp)$ [bracket]

SYNTAX

$Block ::= \{\}$

|

$\{ Stmt \}$

SYNTAX

$Stmt ::= Block$

|

$Id = AExp ;$ [strict(2)]

|

$\text{if } (BExp) Block \text{ else } Block$ [strict(1)]

|

$\text{while } (BExp) Block$

|

$Stmt \quad Stmt$

SYNTAX

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

SYNTAX

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

END MODULE

MODULE IMP

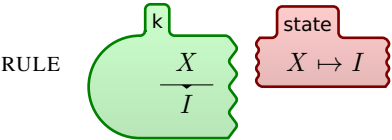
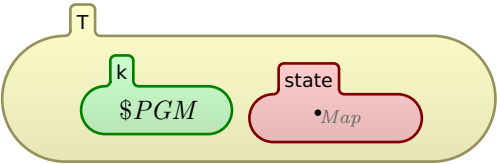
SYNTAX

$KResult ::= Int$

|

$Bool$

CONFIGURATION:



END MODULE