|  |  |
| --- | --- |
| GENERAL |  |
| Statement | \STATE $<contents>$ |
| Assignment | \leftarrow *or* \gets |
| Exponent | <val>^<exponent> |
| FLOW CONTROL |  |
| If | \IF{<condition>} <text> |
| Else-If | \ELSIF{<condition>} <text> |
| Else | \ELSE <text> |
| End If block | \ENDIF |
| For | \FOR{<condition>} <text> |
| For all | \FORALL{<condition>} <text> |
| End For loop | \ENDFOR |
| ‘To’ connective | \FOR{$<val>=<start>$ \TO $<end>$} |
| While | \WHILE{<condition>} <text> |
| End While loop | \ENDWHILE |
| Repeat until | \REPEAT <text> \UNTIL{<condition>} |
| Infinite loop | \LOOP <text> \ENDLOOP |
| LOGICAL CONNECTIVES |  |
| And | <expression> \AND <expression> |
| Or | <expression> \OR <expression> |
| Xor | <expression> \XOR <expression> |
| Not | \NOT <expression> |
| CONDITIONS |  |
| Precondition | \REQUIRE <text> |
| Postcondition | \ENSURE <text> |
| RETURN STATEMENTS |  |
| Return | \RETURN <text> |
| BOOLEANS |  |
| True | \TRUE |
| False | \FALSE |
| != | \neq |
| == | \eq |
| >= | \geq |
| <= | \leq |
| > | > |
| < | < |
| I/O |  |
| Print | \PRINT <text> |