**Java Lang**

**Key words**

Key words are in block capitals, similar to SQL.

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| **Keyword** | **Use** | **Example** |
| GENERAL PURPOSE INPUT OUTPUT | | |
| IN | Get user input | IN <variable> |
| OUT | Outputs data | OUT <variable> |
| MATHMATICAL OPERATORS | | |
| ADD | Adds two numbers and returns result | ADD <resultVariable> <variableA> <variableB> |
| SUB | Subtracts two numbers and returns result | SUB <resultVariable> <variableA> <variableB> |
| MUL | Multiplies two numbers and returns result | MUL <resultVariable> <variableA> <variableB> |
| DIV | Divides two numbers and returns result | DIV <resultVariable> <variableA> <variableB> |
| VARIABLES | | |
| NEW | Creates a new variable | NEW <type> <variableName> |
| SET | Sets variable value | SET <variable> <value> |
| DELETE | Deletes a variable | DELETE <variable> |
| CONDITIONS | | |
| IF | Compares variable values | IF <variableA> <operator> <variableB> <escapeLine> |
| ELSE | Executes when previous if statement is false without error | ELSE <escapeLine> |

**Symbols**

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| --- | --- |
| **Symbol** | **Use** |
| ; | Comment |
| LOGICAL OPERATORS | |
| == | Equals operator |
| != | Not equals operator |
| < | Less than operator |
| <= | Less than or equal to operator |
| > | Greater than operator |
| >= | Greater than or equal to opeartor |