LANGUAGE KEYWWORDS

|  |  |
| --- | --- |
| KEYWORD | CLASS-PART |
| DATA TYPES | |
| Int, Float, Char, String | DATA TYPES |
| ACCESS MODIFIERS | |
| Local, Global, Protected | ACCESS MODIFIERS |
| CONDITIONAL STATEMENTS | |
| If | IF |
| else | ELSE |
| LOOP | |
| While | WHILE |
| Break | LOOP\_KEYWORDS |
| Skip (continue) | LOOP\_KEYWORDS |
| OPERATOR | |
| + | PM |
| - | PM |
| \* | MDM |
| / | MDM |
| % | MDM |
| = | = |
| < , > , <= , >= , not= ,== | COMP |
| not | Not |
| OOP | |
| Child\_Of | Child\_Of (i.e., extends) |
| Abstract | Abstract |
| Static | Static |
| create | Create (i.e., new) |
| Class | Class |
| Self | Self (i.e., This- keyword) |
| Super | Super |
| const | Const (i.e., Final) |
| FUNCTION | |
| func | Function |
| return | Return |
|  |  |
| PUNCTUATORS | |
| ; | ; (LINE BREAK) |
| . | . |
| , | , |
| ( | ( |
| ) | ) |
| [ | [ |
| ] | ] |
| { | { |
| } | } |
| # | Single Line Comment |
| $<comment>$ | Multi Line comment |

Program Entry Point:

func execute(){

<statements>;

}

execute();

Class Geometry{

Int val;

Parent(Int val){

Super();

Self.val = val;

}

func getVal(){

return val;

}

}

Class Square Child\_Of Geometry{

Int val;

Parent(Int val){

Super();

Self.val = val;

}

func getVal(){

return val;

}

}