BARANI INSTITUTE OF INFORMATION TECHNOLOGY

Documentation of Language In Compiler Construction

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2015-Arid-2427

Submission Date:

October 10,2018

Scar Language

New Syntax :

DataTypes:

int = INT

When we take integers value then we used

INT.

char = CHAR

When we need any character then we used CHAR.

float = FLOAT

When we take Floating value then we used this datatype

string = STRING

When we need any String then we use this datatype

bool = BOOLEAN

used for True False

Declaration:

INT @i ;

Declare the Integer type value.

CHAR @c;

Declare the Character.

FLOAT @f;

Declare the Floating type variable.

STRING @s;

Declare strings.

BOOLEAN @tf;

Declare Bool type value.

Condition:

if and else is used for conditional statements.

if = IF

else =ELSE

IF(condition)

{ Body }

ELSE

{ Body }

Loops:

Loops used for Iteration.

for =FOR

while = WHILE

FOR (Datatype @I; @I<END; INCREMENT/DECREMENT)

{body}

WHILE(TRUE)

{body}

DO

{body}

WHILE(TRUE)

Input:

IP>>a;

Used for input on runtime.

Output:

OP<<a;

Used for output.