// Program without semicolon

int main() {

int i = 0

int n = 9

while (i++ < n) {

print(“>> ”)

string s = ""

for (int j=0; j<i; j++) {

s = s + j + " "

if(j + 1 == i) {

print(s)

}

}

}

}

// Program with semicolon

int main() {

int i = 0;int n = 9;

while (i++ < n) {

print(“>> ”);

string s = "";

for (int j=0; j<i; j++) {

s = s + j + " "; if(j + 1 == i) { // STATEMENT => SEMICOLON => CONSTRUCT

print(s);

}

}

}

}

// --------------------------------------------------------------------------------------------------------------------

// Simple if with body in curly brace

int main() {

int i = 2, j = 5, k = 7;

if(i < j) { // CURLY\_OPEN => NEW\_LINE =>

print("i < j") // STATEMENT => NEW\_LINE => CURLY\_CLOSE

}

}

// Simple if with body in curly brace

int main() {

int i = 2, j = 5, k = 7;

if(i < j) { // CURLY\_OPEN => NEW\_LINE =>

print("i < j"); // STATEMENT => SEMICOLON => NEW\_LINE =>

// CURLY\_CLOSE

}

}

// Simple if with body in curly brace

int main() {

int i = 2, j = 5, k = 7;

if(i < j) { // CURLY\_OPEN => NEW\_LINE =>

print("i < j"); } // STATEMENT => SEMICOLON => CURLY\_CLOSE

}

// Simple if with body in curly brace

int main() {

int i = 2, j = 5, k = 7;

if(i < j) { // CURLY\_OPEN => NEW\_LINE =>

print("i < j") } // STATEMENT => CURLY\_CLOSE

}

// Simple if with body in curly brace in one line

int main() {

int i = 2, j = 5, k = 7;

if(i < j)

{ print("i < j") } // CURLY\_OPEN => STATEMENT => CURLY\_CLOSE

}

// Simple if with body in curly brace in one line

int main() {

int i = 2, j = 5, k = 7;

if(i < j)

{ print("i < j"); print(“Text2”) } // CURLY\_OPEN => STATEMENT =>

// SEMICOLON => STATEMENT => CURLY\_CLOSE

}

// Simple if with body in curly brace in one line

int main() {

int i = 2, j = 5, k = 7;

if(i < j)

{ print("i < j"); print(“Text2”); } // CURLY\_OPEN => STATEMENT => SEMICOLON =>

// STATEMENT => SEMICOLON => CURLY\_CLOSE

}

// --------------------------------------------------------------------------------------------------------------------

// Simple if without body in curly brace in one line

int main() {

int i = 2, j = 5, k = 7;

if(i < j)

print("i < j"); // STATEMENT => SEMICOLON

}

// Simple if without body in curly brace in one line

int main() {

int i = 2, j = 5, k = 7;

if(i < j)

print("i < j") // STATEMENT

}