1. DRAW A FLOWCHART TO PRINT THE NUMBER IN PATTERN.

0

1 2

3 4 5

6 7 8 9

Increment Loop

J++

K++

Increment Loop

Print numbers

j < i

i <=5

Variable Declaration and initialization

NO YES

YES

NO YES

YES

1. FLOWCHART TO PRINT \* IN THIS PATTERN

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Increment Loop

J++

K++

Increment Loop

Print ‘\*’

j < i

i <=5

Variable Declaration and initialization

NO YES

YES

NO YES

YES

1. FLOWCHART TO PRINT \* IN THIS PATTERN

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Declare i,j,n as integer

For i<n

FALSE

i=i+1

TRUE

For j<n

FALSE

TRUE

j=j+1

Print \*

1. ALGORITHM TO PRINT FOLLOWING PATTERN.

1

2 3

4 5 6

7 8 9 10

STEP 1 : START

STEP 2 : Let i be an integer number.

STEP 3 : Let j be an integer number.

STEP 4 : Let n be a integer number and initialize by 1.

STEP 5 : Repeat step 6 to 9 until all value parsed.

STEP 6 : Set i=0 and check i<6;

STEP 7 : Set j=1 and check j<=i;

STEP 8 : Print number n.

STEP 9 : Then n++;

STEP 10 : END

1. ALGORITHM TO PRINT \* IN THIS PATTERN

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STEP 1 : START

STEP 2 : Let i be an integer number.

STEP 3 : Let j be an integer number.

STEP 4 : Repeat step 5 to 7 until all value parsed.

STEP 5 : Set i=0 and check i<6;

STEP 6 : Set j=1 and check j<=i;

STEP 7 : Print \*.

STEP 8 : END

1. ALGORITHM TO PRINT NUMBER IN FOLLOWING PATTERN

1 1 1 1 1

1 1 1 1 1

1 1 1 1 1

STEP 1 : START

STEP 2 : Let i and j be an integer number i=1,j=1.

STEP 3 : repeat step 3 to 7 until i>=rows

STEP 4 : repeat step 5 to 6 until j>=3

STEP 5 : print 1

STEP 6 : new line

STEP 7 : END