1)AIM-:\*

\* \*

\* \* \*

\* \* \* \*

Flowchart:-

i = i+1

Print \*

For j<=n

Input n as an integer

Declare i,j,n as an integers

For i<=n

False

j=j+1

True

False

True

Algorithm:-

1)start

2)declare the variable I,j,n as integers

3)input n as an interger

4)i = 0 and check i<n

5)j=0 and check j<=i

6)print n

7) n++,j++,i++

8)end

2)AIM - \* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

Flowchart:-

Declare i,j,n as an integers

Declare i,j,n as an integers

For i is less then n

false

i = i+1

true

For j is less then n

j = j+1

false

true

Print \*

Algorithm:-

1)start

2)declare the variable I,j,n as integers

3)input n as an interger

4)i = 0 and check i<=n

5)j=0 and check j<=n

6)print n

7) n++,j++,i++

8)end

3)AIM - \* \* \* \*

\* \* \*

\* \*

\*

Flowchart:-

Declare i,j,n as an integers

Declare i,j,n as an integers

For i is greater equal to1

false

i = i-1

true

For j is less equal to i

j = j+1

false

true

Print \*

Algorithm:-

1)start

2)declare the variable I,j,n as integers

3)input n as an interger

4)i = n and check i>=1

5)j = 1 and check j<=i

6)print n

7) n++,j++,i++

8)end

4)AIM - \* \* \*

\* \*

\* \* \*

Flowchart:-

Declare i,j,n as an integers

Declare i,j,n as an integers

For i is greater equal to1

false

i = i-1

true

For j is less equal to i

j = j+1

false

true

If i == 2 & j == 2

yes

Print “ ”

no

Print \*

Algorithm:-

1)start

2)declare the variable I,j,n as integers

3)input n as an interger

4)i = n and check i>=1

5)j = 1 and check j<=i

6)if i==2 & j==2

7)print “ ” else goto 8th

8)print \*

8) n++,j++,i++

9)end

5) AIM:- \*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

Flowchart:-

Declare i,j,k,n as an integers

input n,k=0 as an integers

For i is less equal to n

false

i = i+1

true

For j is less equal to i

j = j+1

false

true

Print”\*”

True

Print“\* ”

While k!=2 \*i-1

Algorithm:-

1)start

2)declare the variable I,j,n,k as integers

3)input n,k as an interger

4)i = n and check i>=1

5)j = 1 and check j<=i

6)print(“\*”)

7)while k!=2 \* i-1

8)print(“\* ”)

9) n++,j++,i++

10)end

AIM-:\*

\* \*

\* \* \*

\* \* \* \*

Flowchart:-

i = i+1

Print number

For j<=i

Input rows as an integer

Declare i,j,rows,n=1 as an integers

For i<=rows

False

j=j+1

True

False

True

Algorithm:-

1)start

2)declare the variable i,j,n=1,rows as integers

3)input n as an interger

4)i = 0 and check i<rows

5)j=0 and check j<=i

6)print number

7) n++,j++,i++

8)end