**OUTPUT**

**\***

**\* \***

**\* \***

**\* \***

**\* \* \* \* \* \***

Start

Declare variable I, j, n

Read n

If I <= n

N

Y

If j <= I

N

J = 1, I = I +1

Y Y N

If I == 1 || I == n || j == 1 || j==n

Print “\*”

Print “ “

J = J + 1

Stop

Algorithm:

Step 1: Start

Step 2: Declare variables I , j , n

Step 3: Read n

Step 4: If I <= n goto Step 5 else Step 10

Step 5: If j <= i goto Step 6 else j =1 , I = I + 1 and goto Step 4

Step 6: If I == 1 || I == n || j == 1 || j == n goto Step 8 else Step 7

Step 7: print “” and goto step 9

Step 8: print “\*” and goto Step 9

Step 9: j = j + 1

Step 10: End