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C program to print the pyramid structure  
Algorithm

step 1: Start

step 2: Input a

step 3: Initialise rows=0, t=0

step 4: for( $r=1$ ;  $r \leq rows$ ;  $r++$ ) repeat this until  
Condition becomes false

step 4.1: for( $s=1$ ;  $s \leq rows-r$ ;  $s++$ ) repeat this until  
Condition becomes false

step 4.2: print (" ") step 4.3: repeat 4, 4.1, until condition  
becomes false

step 5: while ( $t \leq 2*r-1$ )

print \*

t++

step 6: Repeat step 5 until condition becomes  
false

step 7: Return print (" \n")

step 8: Return 0

step 9: Stop

Flowchart

