

Experiment No. 11

Input Specification: lines to store number of lines in pascal triangle to print as int

Output Specification: Display Pascal triangle with specified number of lines

Declaration: lines, i, j, bin, sp as int

Algorithm:

Step 1: Declare lines, i, j, bin, sp as int

Step 2: Display message "Enter no. of lines of triangle : "

Step 3: Store in lines variable

Step 4: Start a for loop that runs steps 5 to 12 from i=0 less than lines each time increasing i by 1

Step 5: Start a for loop that runs steps 6 from sp=1 up to sp<=34-3*i each time increasing sp by 1

Step 6: Display a single space

Step 7: Start a for loop that runs steps 8 to 11 from j=0 up to j<=i each time increasing j by 1

Step 8: if j = 0 then got to step 9 otherwise go to step 10

Step 9: Set bin as 1

Step 10: Set bin as bin*(i-j+1)/j

Step 11: Display bin

Step 12: Display "\n"

Step 13: Stop

Flowchart:



