## 6. Pascal’s Triangle Algorithm:

1. Start
2. Declare variables *x, y, n, a, z, s*
3. Enter the limit
4. Initialize the value of variables, s=n , x=0, y=0 , z=s
5. Do the following operations in loop
   1. x = 0 to n
   2. a= 1, x++
   3. z=s to 0
   4. print space
   5. z—-
   6. y = o to x
   7. print a
   8. a = a\*(x-y)/(y+1)
   9. y= y+1
   10. go to next line

Print a

y<=x?

S - -

Print space

z<=0?

a=1 , x++

X<=n?

S = n, x=y=0, z=s

Enter the limit

Declare variable x , y , n , a , z , s

N  
  
  
  
  
  
  
  
  
  
N

a=a\*(x-y) (y+1)

N Y

Print \n

Y=y+1