**Weekly Assignment - 5**

Write a program which has a function that prints the Pascal’s Triangle for N rows taken as input from the user. Submit a single .c file which has 1 function to print, and the main function.

* Get N from user, pass that as parameter for the printTriangle function
* Write the ‘printTriangle’ function that prints the Pascal’s triangle for the input parameter ‘N’ rows

For example, for N=5 the triangle should look like below. Each empty cell is a space.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | 1 |  |  |  |  |  |
|  |  |  | 1 |  | 2 |  | 1 |  |  |  |
|  |  | 1 |  | 3 |  | 3 |  | 1 |  |  |
|  | 1 |  | 4 |  | 6 |  | 4 |  | 1 |  |
| 1 |  | 5 |  | 10 |  | 10 |  | 5 |  | 1 |