Exercise 4: Pascal Triangle

In this exercise, you will be required to make a function which displays the Pascal Triangle for any size given

We'll cover the following

Problem Statement

This is another **C++ exercise** about using a **two-dimensional** *array* of C++.

Write a C++ program to display a table that represents a Pascal triangle of any *size*.

Pascal triangle

In *Pascal triangle*,

- **first** and the **second** *rows* are set to **1**.
- Each *element* of the *triangle* (from the **third** row downward) is the **sum** of the element directly above it and the *element* to the **left** of the *element* directly **above** it.

See the example *Pascal triangle*(**size=5**) below:

Pascal Triangle (Size=5)

You're given the `printPascalTr(int size)` function in the code below.

- It takes the given `size` and **prints** the corresponding *Pascal Triangle*.

The function is already *declared*; you just have to implement the logic.

> **Note:** In order to move a values to next line you can use `\n` instead of `endl`. Both perform the same function of moving to next line.

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Good Luck!

```
#include <iostream>
using namespace std;

void printPascalTr(int size) { //define your function

  //write your code here for making and displaying pascals triangle
  //use can use \n to move numers to next line in the triangle
   //use " " to add space between numbers in triangle
  cout << "\n"; //comment out this line when you write your code

}
```