

Problem Statement

Write 'C' language program for the following pattern:

```
      1
    1 2 1
  1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
```

Leading upto nth ROW.

Value of Nth Row should be decided by the USER as an input in the program.

Standards plan:

Every code block must have comments.

The logic of the program needs to be explained. Proper documentation should be maintained.

Complete Project Report along with synopsis, code and documentation should be prepared.

Documentation:

No project is complete without documentation. In fact, it is one of the most important activities during the development of a project. The documentation of an ideal project will be in the form of a project report comprising of the following documents:

- Certificate of Completion.
- Table of Contents.
- Problem Definition.
- Algorithms.
- Task Sheet.
- Project Review and Monitoring Report.
- Final Check List.