WEEK 1 ASSIGNMENT

1. LOWER TRIANGULAR PATTERN

```
*
**
***
****
*****
```

Algorithm:
- We need to print n rows.
- In each row i, print i asterisks (*).
- No spaces required.

2. UPPER TRIANGULAR PATTERN

```
*****
 ****
  ***
   **
    *
```

Algorithm:
- Total of n rows.
- For each row i from n down to 1:
  - Print (n - i) spaces (to push stars right).
  - Then print i stars.

3. PYRAMIND PATTERN

```
    *
   ***
  *****
 *******
*********
```

Algorithm:
- Total n rows.
- For each row i:
  - Print (n - i) spaces for centering.
  - Print (2*i - 1) stars to make the pyramid shape.

OUTPUT:

```
[Running] python -u "d:\CSI INTERNSHIP\CELEBAL\WEEK_1_ASSIGNMENT\Triangle_Pattern.py"
Lower Triangle:
*
**
***
****
*****

Upper Triangle:
*****
 ****
  ***
   **
    *

Pyramid:
    *
   ***
  *****
 *******
*********

[Done] exited with code=0 in 0.267 seconds
```