Date: 10/09/2022

Submission Date: 13/09/2022

Pattern 1 ✓

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

Pattern 2 ✓

```
A
A B
A B C
A B C D
A B C D E
```

Pattern 3 ✓

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

Pattern 4 ✓

```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
```

Pattern 5 ✓

```
A
B B
C C C
D D D D
E E E E E
```

Pattern 6

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

Pattern 7

```
    1
   1 2
  1 2 3
 1 2 3 4
1 2 3 4 5
```

Pattern 8

```
    5
   4 5
  3 4 5
 2 3 4 5
1 2 3 4 5
```

Pattern 9

```
    A
   A B
  A B C
 A B C D
A B C D E
```

Pattern 10

```
    E
   D E
  C D E
 B C D E
A B C D E
```

Pattern 11

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

Pattern 12

```
    1
   2 2
  3 3 3
 4 4 4 4
5 5 5 5 5
```

Pattern 13

```
    A
   B B
  C C C
 D D D D
E E E E E
```

Pattern 14

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

Pattern 15

```
5 4 3 2 1
5 4 3 2
5 4 3
5 4
5
```

Pattern 16

```
5
5 4
5 4 3
5 4 3 2
5 4 3 2 1
```

Pattern 17

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

Pattern 18

```
A B C D E
A B C D
A B C
A B
A
```

Pattern 1

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

Pattern 2

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

Pattern 3

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

Pattern 4

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

Pattern 5

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

Pattern 6

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

Pattern 7

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

Pattern 8

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

Pattern 9

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

Pattern 10

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

Pattern 11

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

Pattern 12

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

Pattern 13

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

Pattern 14

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

Pattern 15

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

Pattern 16

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

```
        1
       2 2
      3 3 3
     4 4 4 4
    5 5 5 5 5
   6 6 6 6 6 6
  7 7 7 7 7 7 7
 8 8 8 8 8 8 8 8
9 9 9 9 9 9 9 9 9
```

Pyramid Pattern-1

```
        1
       1 2
      1 2 3
     1 2 3 4
    1 2 3 4 5
   1 2 3 4 5 6
  1 2 3 4 5 6 7
 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9
```

Pyramid Pattern-2

```
        *
       * *
      * * *
     * * * *
    * * * * *
   * * * * * *
  * * * * * * *
 * * * * * * * *
* * * * * * * * *
```
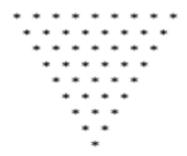
Pyramid Pattern-3

```
                1
              1 2 1
            1 2 3 2 1
          1 2 3 4 3 2 1
        1 2 3 4 5 4 3 2 1
      1 2 3 4 5 6 5 4 3 2 1
    1 2 3 4 5 6 7 6 5 4 3 2 1
  1 2 3 4 5 6 7 8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8 9 8 7 6 5 4 3 2 1
```

Pyramid Pattern-4

```
                9
              8 9 8
            7 8 9 8 7
          6 7 8 9 8 7 6
        5 6 7 8 9 8 7 6 5
      4 5 6 7 8 9 8 7 6 5 4
    3 4 5 6 7 8 9 8 7 6 5 4 3
  2 3 4 5 6 7 8 9 8 7 6 5 4 3 2
1 2 3 4 5 6 7 8 9 8 7 6 5 4 3 2 1
```

Pyramid Pattern-5

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

Inverted Pyramid Pattern-6

```
9 9 9 9 9 9 9 9 9
 8 8 8 8 8 8 8 8
  7 7 7 7 7 7 7
   6 6 6 6 6 6
    5 5 5 5 5
     4 4 4 4
      3 3 3
       2 2
        1
```

Inverted Pyramid Pattern-7

JournalDev