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

Pyramid Pattern-1   **Pyramid Pattern-2**   **Pyramid Pattern-3**

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

Pyramid Pattern-4   **Pyramid Pattern-5**

```
     * * * * * * * * *                      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-6   **Inverted Pyramid Pattern-7**