

ZOHO L2 QUESTIONS - SET 1 - PATTERNS

1.Input : n=5

Output:

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

2.Input : n=5

Output:

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

3. Input : n=5

Output:

```
1
2 4
3 5 7
6 8 10 12
9 11 13 15 17
```

4.Input: 12345

Output:

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

5. Input : n=5

Output:

1 2 3 4 5

2 3 4 5 1

3 4 5 1 2

4 5 1 2 3

5 1 2 3 4

6. Input: n = 5

Output:

1 3 6 10 15

2 5 9 14 19

4 8 13 18 22

7 12 17 21 24

11 16 20 23 25

7. Input: n = 5

Output:

1 2 6 7 15

3 5 8 14 16

4 9 13 17 22

10 12 18 21 23

11 19 20 24 25

8. Input : n = 4

Output :

4 4 4 4 4 4

4 3 3 3 3 4

4 3 2 2 2 3 4

4 3 2 1 2 3 4

4 3 2 2 2 3 4

4 3 3 3 3 4

4 4 4 4 4 4

9.Input : n = 5

Output :

```
    0
   1 0 1
  2 1 0 1 2
 3 2 1 0 1 2 3
4 3 2 1 0 1 2 3 4
```

10.Input : zohocorporationteam

Output :

```
z o h o c o r
      p
      o
      r
      a
      t
i o n t e a m
```

Note: Single space must be left between each character.

*******ALL THE BEST*******