Assignment-III

Generate the following patterns for any non-zero positive integer n. You may use a for loop, a while loop, or a combination of several loops. You can also create whatever variables you can.

Q1. Enter a non-zero positive integer: 5 (See Sample Code)

```
 1   2   3   4   5
 6   7   8   9  10
11  12  13  14  15
16  17  18  19  20
21  22  23  24  25
```

Q2.

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

Q3.

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

Q4.

```
 5   4   3   2   1
10   9   8   7   6
15  14  13  12  11
20  19  18  17  16
25  24  23  22  21
```

Q5.

```
21  22  23  24  25
16  17  18  19  20
11  12  13  14  15
 6   7   8   9  10
 1   2   3   4   5
```

Q6.

```
25  24  23  22  21
20  19  18  17  16
15  14  13  12  11
10   9   8   7   6
 5   4   3   2   1
```

Q7.

```
1   6  11  16  21
2   7  12  17  22
3   8  13  18  23
4   9  14  19  24
5  10  15  20  25
```

Q8.

```
 1   2   3   4   5
10   9   8   7   6
11  12  13  14  15
20  19  18  17  16
21  22  23  24  25
```

Q9.

```
1  10  11  20  21
2   9  12  19  22
3   8  13  18  23
4   7  14  17  24
5   6  15  16  25
```

Q10.

```
 1   2   3   4   5
16   6   7   8   9
17  18  10  11  12
19  20  21  13  14
22  23  24  25  15
```

Q11.

```
 1  2   3   4   5
10  6   7   8   9
14 15  11  12  13
18 19  20  16  17
22 23  24  25  21
```

Q12.

```
 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
```

Q13.

```
3  3  3  3  3
3  2  2  2  3
3  2  1  2  3
3  2  2  2  3
3  3  3  3  3
```

Q14.

```
 1   2   3   4   5
16  17  18  19   6
15  24  25  20   7
14  23  22  21   8
13  12  11  10   9
```