Star Pattern

Ques 1:
n = 5

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

Ques 2:
n = 5

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

Ques 3:
n = 5

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

Ques 4
n = 5

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

Ques 5:
n = 5

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

Ques 6
n = 5

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

Ques 7:
n = 5

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

Ques 8:
n = 5

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

Ques 9:
n = 5

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

Ques 10:
n = 5

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

Ques 11:
n = 5

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

Ques 12:
n = 5

```
                *
            *   !   *
        *   !   *   !   *
    *   !   *   !   *   !   *
*   !   *   !   *   !   *   !   *
```

# Ques 13:
n = 5

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

# Ques 14:
n = 5

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

Ques 15:
n = 5

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

Ques 16:
n = 5

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

Ques 17:
n = 7

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

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

# Ques 18:
n = 7

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

for(int c

# Ques 19:
n = 7

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

Ques 20:
n = 7

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

Ques 21:
n = 5

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

Ques 22:
n = 5

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

Number Pattern

Ques 23:
n = 5

```
                1
            1   1   1
        1   1   1   1   1
    1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1
```

Ques 24:
n = 5

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

Ques 25:
n = 5

```
                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
```

Ques 26:

n = 5

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

Ques 27:

n = 5

```
                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
```

Ques 28:

n = 5

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

Ques 29:

n = 5

```
                1
            2   0   2
        3   0   0   0   3
    4   0   0   0   0   0   4
5   0   0   0   0   0   0   0   5
```

Ques 30:

n = 5

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

Ques 31:

n = 5

```
5   4   3   2   ⊛
5   4   3   ⊛ y 1
5   4   ⊛   2   1
5   *   3   2   1
*   4   3   2   1
```

```
int n = sc.nextInt();
int row = 1 ;
while( row <= n){
    for(int i=0 ; i<n; i++){
                    int j = n-i;
    if( i == j ){
        cout << "*";
    } else
        cout( n-i );
    ?
```

Ques 32:
n = 5

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

Ques 33:
n = 10

```
                  0
                9 0 9
              8 9 0 9 8
            7 8 9 0 9 8 7
          6 7 8 9 0 9 8 7 6
        5 6 7 8 9 0 9 8 7 6 5
      4 5 6 7 8 9 0 9 8 7 6 5 4
    3 4 5 6 7 8 9 0 9 8 7 6 5 4 3
  2 3 4 5 6 7 8 9 0 9 8 7 6 5 4 3 2
1 2 3 4 5 6 7 8 9 0 9 8 7 6 5 4 3 2 1
```