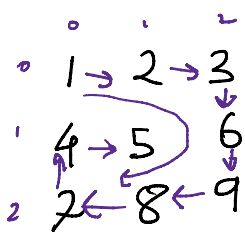
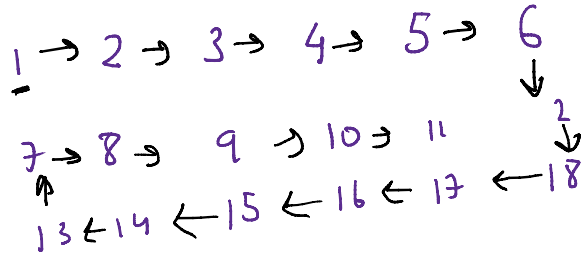
6-Dec-2021

06 December 2021 20:59

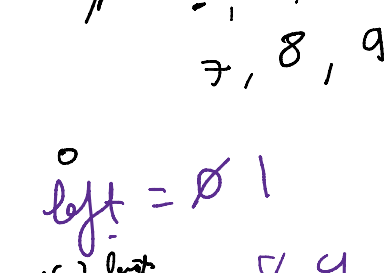
- Spiral Display
- Diagonal Display

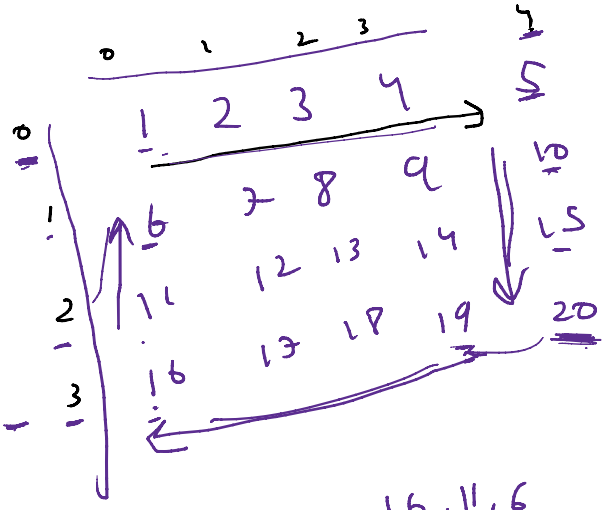
Spiral Display :-



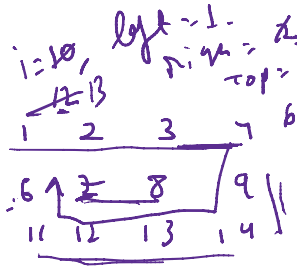


o/p => 1, 2, 3, 4, 5, 6, 12, 18, 17, 16, 15, 14, 13, 7, 8, 9, 10, 11





op = 1, 2, 3, 4, 5, 10, 15, 20, 19, 18, 17, 16, 11, 6



```
while (i < res.length) {
    for (int j = left; j <= right; j++) {
        res[i] = mat[top][j];
        i++;
    }
    top++;
    for (int j = top; j <= bottom; j++) {
        res[i] = mat[j][right];
        i++;
    }
    right--;
    for (int j = right; j >= left; j--) {
        res[i] = mat[bottom][j];
        i++;
    }
    bottom--;
    for (int j = bottom; j >= top; j--) {
        res[i] = mat[j][left];
        i++;
    }
    left++;
}
```

o/p => 1, 2, 3, 4, 9, 14, 13, 12, 11, 6, 7, 8, 7

a = [3] [4]

a = [3] [4]

a.length = 3

a[0].length = 4