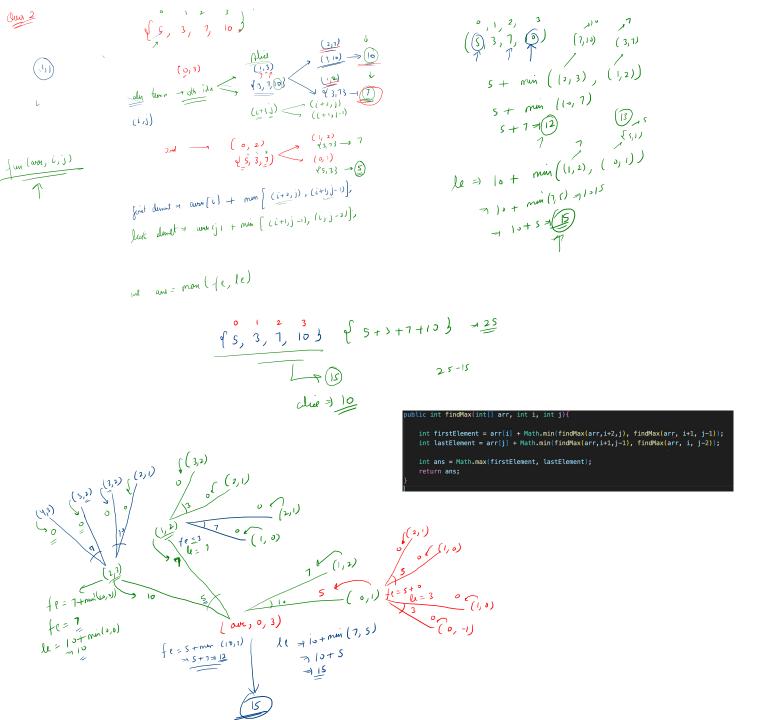
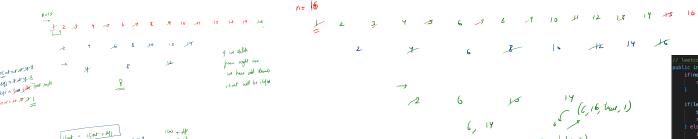
```
(n:1-2==0
                                                                                          1, 2, 3, 4, 5, 6, 7,8,12, 11, 12, 13, +4, 15, +6, +1, 18, 19
N=19
                                                                                                                                                                                                                             \left( N - \frac{7}{V} \right)
                                                                                                                                                                                                                                                                                                                                                                        \frac{19}{\rho - \frac{\rho}{2}} \Rightarrow 0
                                                                                            12345618910
                                                                                            1, 2, 8, 7, 9, 11, 13, 15, 17, 19
                                                                                           \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ 1, & 3, & 1, & 9 & 9 \end{bmatrix} \begin{bmatrix} 1 & 0 & -1 & 0 \\ 0 & -1 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & -1 & 0 \\ 0 & -1 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 \end{bmatrix}
                                                                                                                                                                                                                                                                                                                                                             0- 13 -1 13 -17
                                                           n: 1.3
                 [92 10
                                                                                                                                                                                                            n - \frac{n}{9}  7 - \frac{1}{3} \rightarrow 7 - 1 = 16
                                                                                                                                                                                                                                                                                                                                                     1-7-7-7-7
                                                                                                                                                                                                                                                                                                                                                                   6-6-6-5
                                                                                                                                                           (n-\frac{n}{5}) = 6-\frac{6}{5} \times 6^{-1=35}
                                                                                                                                                                                                                                                                                                                                     n- \(\frac{1}{2} =) \quad \qq \quad 
                                                                                                                                                                                                                                                         10-10-17
                                                                                                                                                                                                                                                                                                                       public boolean isMagical(int n, int itrNum){
                                                                                                                                                                                                                                                                                                                                    if(itrNum > n){
                                                                                                                                     (6,5) 6-6-10-5
                                                                                                                                                                                                                                                                                                                                                  return true;
                                                                                                                    (7, 4) (7, 4) (7, 4) (7, 4) (7, 4) (7, 4) (7, 4) (7, 4)
                 8,12 (7,1)
                                                                                                                                                                                                                                                                                                                                   int next_pos = n - (n/itrNum);
                                                                                                                                                                                                                                                                                                                                    return isMagical(next_pos, itrNum + 1);
                                                                                                                                   \begin{pmatrix} 1 \\ (10, 3) \end{pmatrix} \qquad 10 - \frac{10}{3} = 17
                                (5,3) 5-5 = 5-1=14
                                                                                                                                                                                                                                                       n- n = 19-9 =10
                            (9,2) 9-9 75
                                                                                                                 (19, 2) n=19
```





```
( 1, 1, true, 16)
( ( star, diff), W/t, noe)
```

H

```
14 16
                       ublic int solve_rec(int start, int diff, boolean left, int noe){
                            return solve_rec(start, diff*2, left: false, noe/2);
                             return solve_rec(start, diff*2, left: true, noe/2);
                      ublic int solve(int n){
  return solve_rec(start: 1,diff: 1,left: true,n);
```

```
Start=+2
 di]=1
 Ut -tus
 noc = n
```