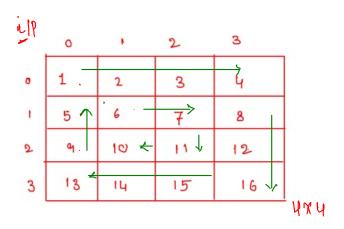
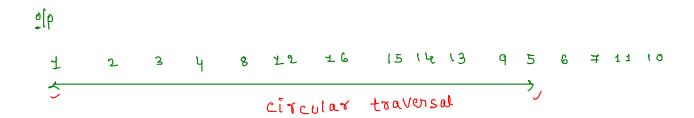
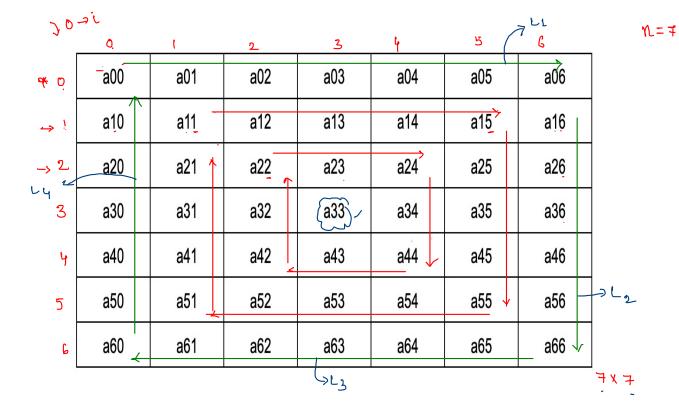
Sprint-1 [Day-3]

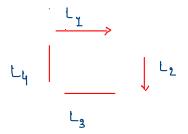
PSC

Spiral Traversal of a Matrix

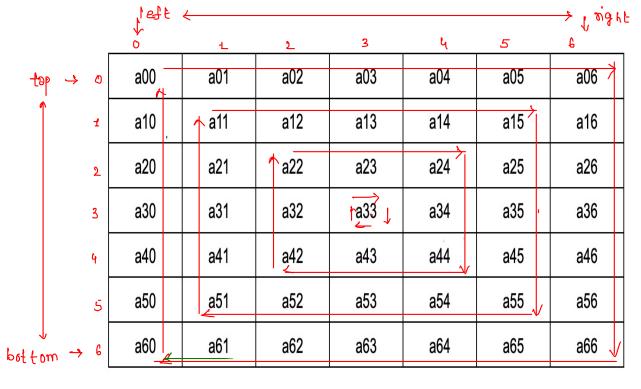








•



```
res=" "
for(i=0;i<=n-1;i++)
{
    res=res+arr[0][i]+" "
}
```

```
N=7
```

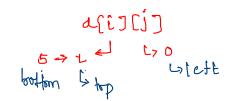
```
    6
    1
    2
    3
    4
    5
    4

    ⇒
    a00
    a01
    a02
    a03
    a04
    a05
    a06
```

$$\frac{L_1}{L_2} := \frac{C[i][j]}{C[i]}$$

```
res=" "
for(i=0;i<=n-1;i++)
{
    res=res+arr[0][i]+" "
}
```

```
\mathcal{N} \times \mathcal{N}
function spiralTraversal(arr,n)
                                                       7×8
         top=0,bottom=n-1,left=0,right=n-1
         res=" "
         while(top<bottom && left<right)</pre>
              L<sub>1</sub> for(i=left;i<=right;i++)
                           res=res+arr[top][i]+" "
                  top++ <
              l_ for(i=top;i<=bottom;i++)
                           res=res+arr[i][right]+" "
                  right-- 🗸
               for(i=right;i>=left;i--)
                           res=res+arr[bottom][i]+" "
                  bottom--
               L<sub>t</sub>, for(i=bottom;i>=top;i--)
                           res=res+arr[i][left]+" "
                  left++
```



		Y	L	L1	જ.	% ·	٠.	
. •	a00	a01	a02	a03	a04	a05	a06	
¼ →	a10 1	a11	a12	a13 L1	a14	a15	a16	
Ŀ →	a20	a21 ↑	a22	a23	a24	a25	a26	
Lų	a30	a31 ^{L4}	a32	a33	a34	a35	a36	Lչ
6	a40	a41	a42	a43	a44	a45	a46	
極	a50	a51 _	a52	a53	a54	a55	a56	
	a60 _	a61	a62	a63	a64	a65	a66 🗸	

Lz

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