

(r,c)

columns

rows

(0,0)	(0,1)	(0,2)	(0,3)	(0,4)	(0,5)
(1,0)	(1,1)	(1,2)	(1,3)	(1,4)	(1,5)
(2,0)	(2,1)	(2,2)	(2,3)	(2,4)	
(3,0)	(3,1)	(3,2)	(3,3)	(3,4)	
(4,0)	(4,1)	(4,2)	(4,3)		

Diagonal:  $r=c$

$(1,0) \rightarrow (0,1)$

$(2,0) \rightarrow (0,2)$

$(3,0) \rightarrow (0,3)$

$(2,1) \rightarrow (1,2)$

$(3,1) \rightarrow (1,3)$

-----

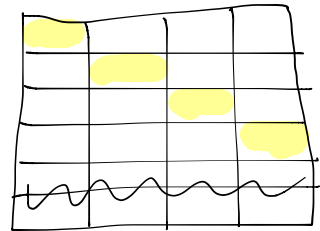
$(r,c) \rightarrow (c,r)$

(0,0)	(1,0)	(2,0)	(3,0)		
(1,0)	(1,1)	(2,1)	(3,1)		
(2,0)	(2,1)	(2,2)			
(3,0)	(3,1)	(3,2)	(3,3)		
(4,0)	(4,1)	(4,2)	(4,3)	(4,4)	

Pixel[][] pixels2D

Pixel bot

Pixel top



```

for (int row = 1; row < min(rows, cols); row++)
{
    for (int col = 0; col < row; col++)
    {
        top color is set to bot color
    }
}

```