7 filter = (3x3)
9 10 2 8 1 1 6 9

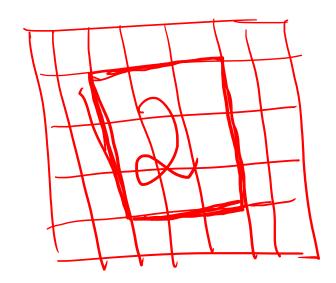
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اد	N	1	

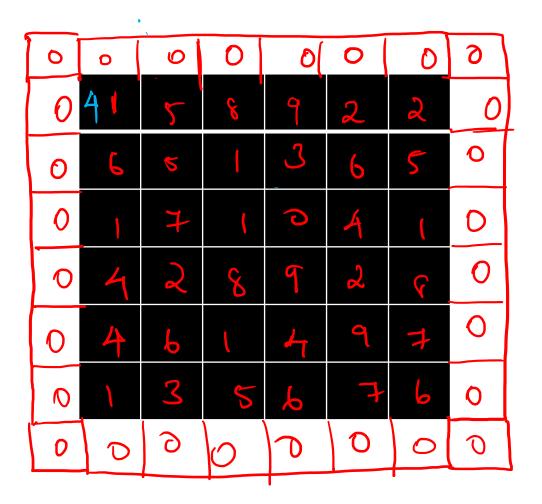
1	6	9	10	2	8		1	6	9	10	2	8	1	6	9	10	2	8	1	6	9	10	2	8
2	5	1	8	4	2		2	5	1	8	4	2	2	5	1	8	4	2	2	5	1	8	4	2
3	7	4	9	10	3		3	7	4	9	10	3	3	7	4	9	10	3	3	7	4	9	10	3
9	8	3	6	7	9		9	8	3	6	7	9	9	8	3	6	7	9	9	8	3	6	7	9
8	0	9	4	7	2		8	0	9	4	7	2	8	0	9	4	7	2	8	0	9	4	7	2
9	10	12	6	9	8		9	10	12	6	9	8	9	10	12	6	9	8	9	10	12	6	9	8
	-) i	na	e =	-(6	×6)	, 3	trì	de	=															
1	6	9	10	2	8		1	6	9	10	2	8	1	6	9	10	2	8	1	6	9	10	2	8
2	5	1	8	4	2		2	5	1	8	4	2	2	5	1	8	4	2	2	5	1	8	4	2
3	7	4	9	10	3		3	7	4	9	10	3	3	7	4	9	10	3	3	7	4	9	10	3
9	8	3	6	7	9		9	8	3	6	7	9	9	8	3	6	7	9	9	8	3	6	7	9
8	0	9	4	_					0		_		4	-			-	2				-	_	
	U	7	4	7	2		8	0	9	4	7	2	8	0	9	4	7	2	8	0	9	4	7	2

stride = 2 9 9

$\overline{ ho}$	\rightarrow		م	who	ndo	۵
1	6	9	10	2	6/	_
2	5	1	8	4		\-
3	7	4	9	10		
9	8	3	6	7		
8	0	9	4	7	//	
9	10	12	6	9	8/	
1	6	9	10			
_	-	1551	10	2		
2	5	1	8	4		
3	5	1		2 4 10		
		1 4 3	8	4		
3	7	4	8	4		

This type of convolution is called as strided convolution.



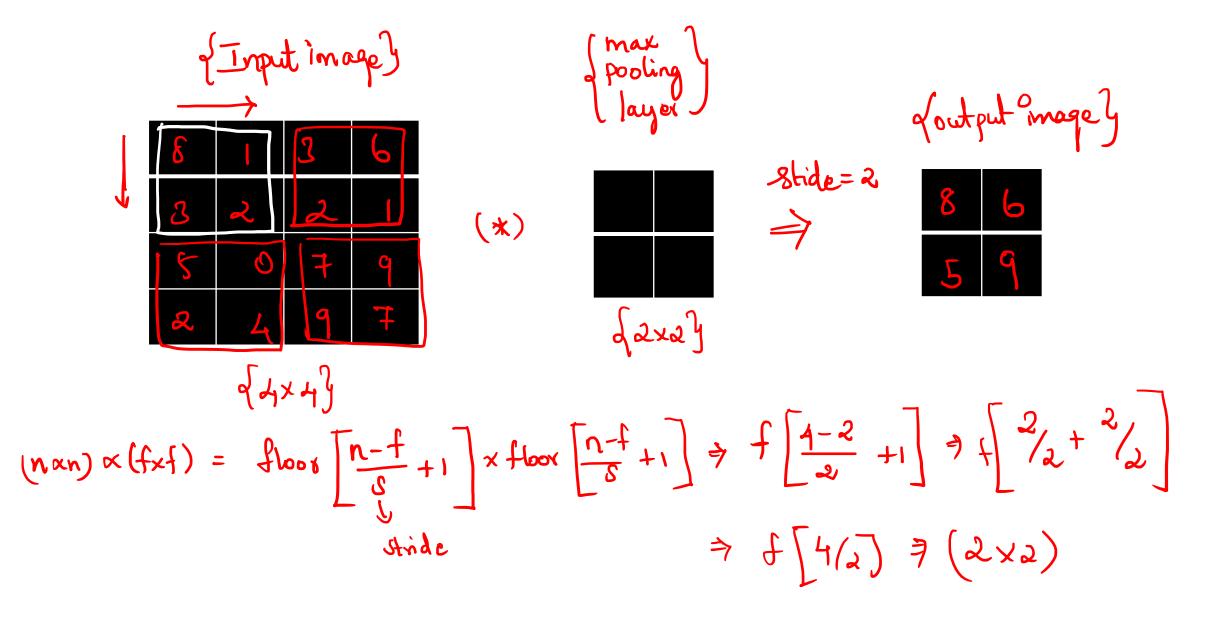


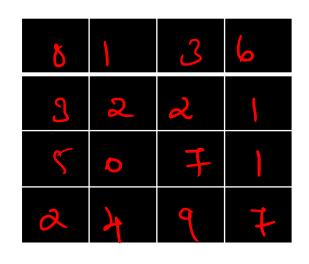
Max-pooling (layer)

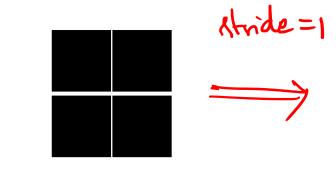
pooling

InputImage

output Image







$$\int_{\text{local}} \left[\frac{1-2}{5} + 1 \right] \rightarrow \left[\frac{4-2}{1} + 1 \right] \rightarrow \sqrt{2} + \frac{1}{1} \rightarrow \sqrt{3} \rightarrow (3 \times 3)$$

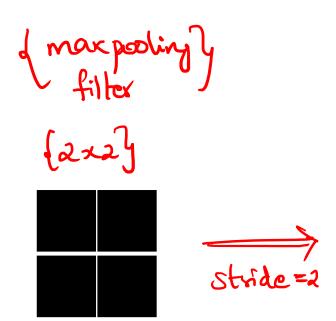


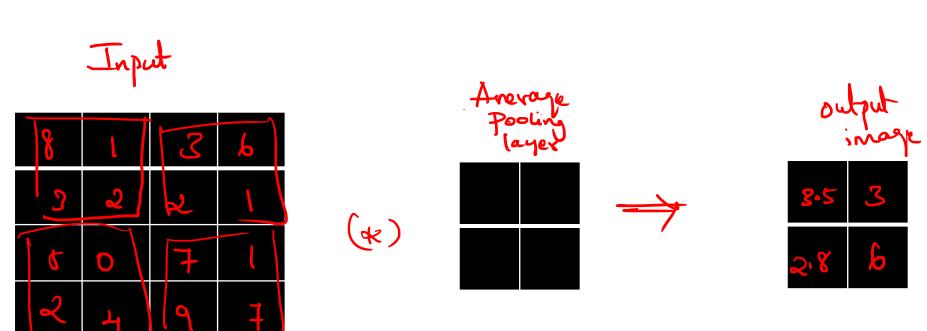
	image						
0.1	0.3	0.5					
0.1	0.3	0.5					
0./	0-3	0.5					

Output

$$\int_{008} \left[\frac{n-t}{s} + 1 \right] \Rightarrow \int_{008} \left[\frac{6-2}{a} + 1 \right] \Rightarrow \int_{008} \left[\frac{4}{a} + \frac{2}{a} \right] \Rightarrow (3 \times 3)$$

frot mandato y Inputy 1-px (padding) anax poolingly layer

1 Average - pooling y



Why poling? Preduce image size to reduce the computational cost trhance the pixel by maxing it. Where pooling? 7 after convolutional larget > No parameters involved, no training needed.