Given: Stride =1, Padding =1, Max polling =(2,2)

0	0	0	0	0	0	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	0	0	0	0	0

1	0	1
1	1	1
0	0	1

filter-1

0	0	1
1	0	0
0	1	1

filter-2

2	3	3	4	1
3	4	3	5	1
3	4	3	5	1
3	4	3	5	1
2	3	3	4	1

apply filter-1

+

1	2	2	2	1
2	3	2	3	1
2	3	2	3	1
2	3	2	3	1
1	1	1	2	0

apply filter-2

=

3	5	5	6	2
5	7	5	8	2
5	7	5	8	2
5	7	5	8	2
3	4	4	6	1

=

after max polling

P.t.O

after max polling 2×2 stride =1

here,

$$max = \frac{m-f}{s} + 1$$

$$= \frac{5-2}{1} + 1$$

$$= 3+1$$

$$= 4$$

7	7	8	8
7	7	8	8
7	7	8	8
7	7	8	8

⟶ The End ⟵

apply filter-2

filter-1

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