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Input

Padding = 1   stride = 1

```
O  1  1  0  1
O  1  1  0  1
O  1  1  0  1
O  1  1  0  1
O  1  1  0  1
```

```
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   X
0 0 1 1 0 1 0
0 0 1 1 0 1 0
0 0 0 0 0 0 0
```

Padding + Filter 1

```
1  0  1
1  1  1     =
0  0  1
```

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

Padding

```
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
```

```
0  0  1
1  0  0
0  1  1
```

After filter2 :   Filter 1

    1 2 2 2 1   2 3 2 3 1
    2 3 2 3 1   3 4 3 5 1
    2 3 2 3 1 +   3 4 3 5 1
    2 3 2 3 1   3 4 3 5 1
    1 1 1 2 0   2 3 3 4 1

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

        Max pooling 2×2 stride=1

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

                Ans.