



# BUBT

BANGLADESH UNIVERSITY OF  
BUSINESS AND TECHNOLOGY

## Assignment-02

Course NO : CSE 478

Course Name : Neural Network and Fuzzy System

Submission Date : 02-12-2023

### Submitted To

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Given that

stride = 1, padding = 1, max pooling = (2, 2)

Now

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

Add padding

1	0	1
1	1	1
0	0	1

filter-01

0	0	1
1	0	0
0	1	1

filter-02

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

After filter-01

+

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

After filter-02

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

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

max Pooling

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

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