G27 Ex 1a: 1D convolution										
Input		2	-1	3	0	2	-1	2	1	2
Filter	**weight**	2	1	-2						
	bias	2								
Output	**S1 P0**		-1	3	4	6	1	0	3	
	S2 P0		-1		4		1		3	
	S4 P0		-1				1			
	S1 P1	6	-1	3	4	6	1	0	3	6
	S4 P1	6				6				6

For S1 and P1 we get the same dimension

Ex 1b: 2D convolution

		Filter1 2x2x3		Filter2 2x2x3

input R

1	2	0	2
0	1	1	2
1	2	0	2
0	1	1	0

R

1	1
0	0

0	1
1	0

G

0	-1
0	-1

1	0
1	0

G

1	0	2	1
0	2	1	2
1	0	2	0
2	1	0	2

B

1	0
0	1

-1	0
0	1

bias -1   bias 1

B

1	2	0	1
0	1	1	1
2	0	1	2
0	2	0	1

Result Filter 1

0	-1	-3
-4	-2	1
3	-3	-1

Result Filter 2

6	5	10
6	8	9
8	5	8

Ex 1b:
- 2 activations maps will be obtained
- Output dimension will be 3x3
- Output dimension will be 2x2
- With S1 and P1

Output (To be completed)

2	1	1
0	1	2
2	1	1

-3	-4	-4
-3	-4	-3
-2	-3	-3

1	2	0
-1	1	2
3	-1	1

3	2	4
3	4	3
3	2	4

2	3	4
2	3	4
4	2	3

1	0	2
1	1	2
1	1	1