#1

#2

#3

input

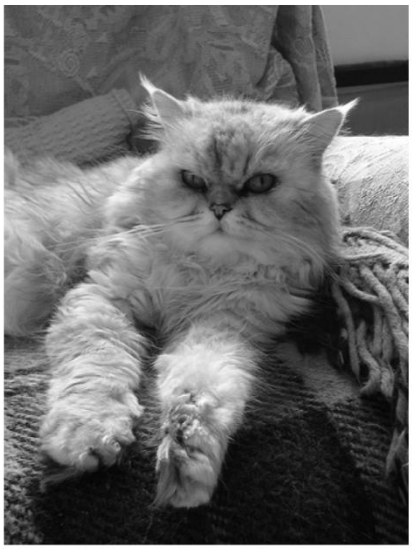
output

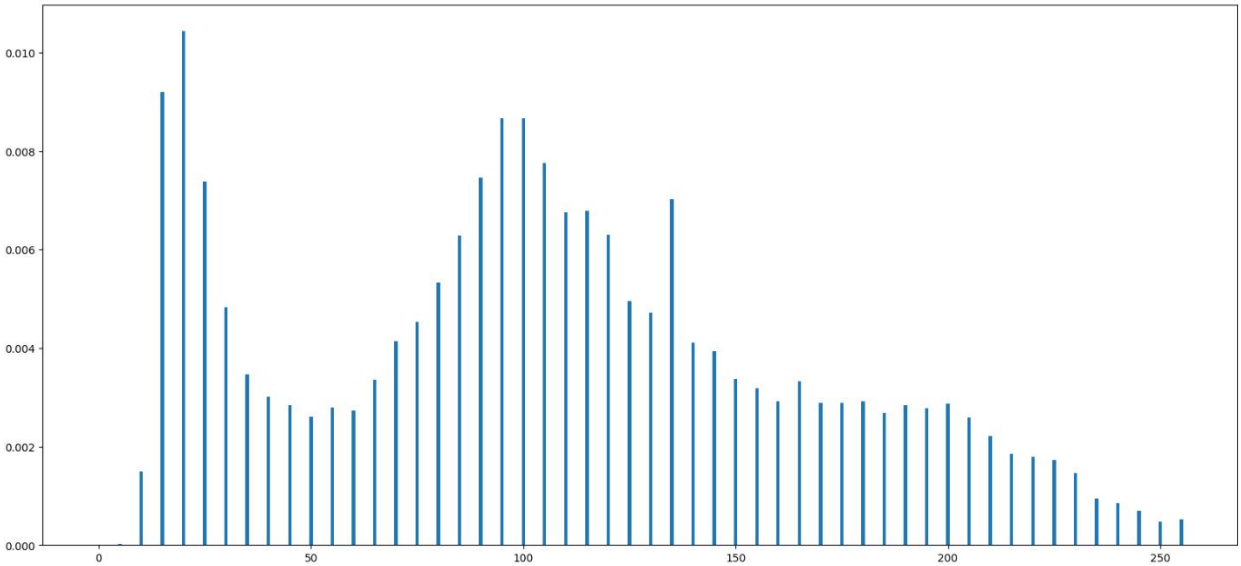
#4

input

output

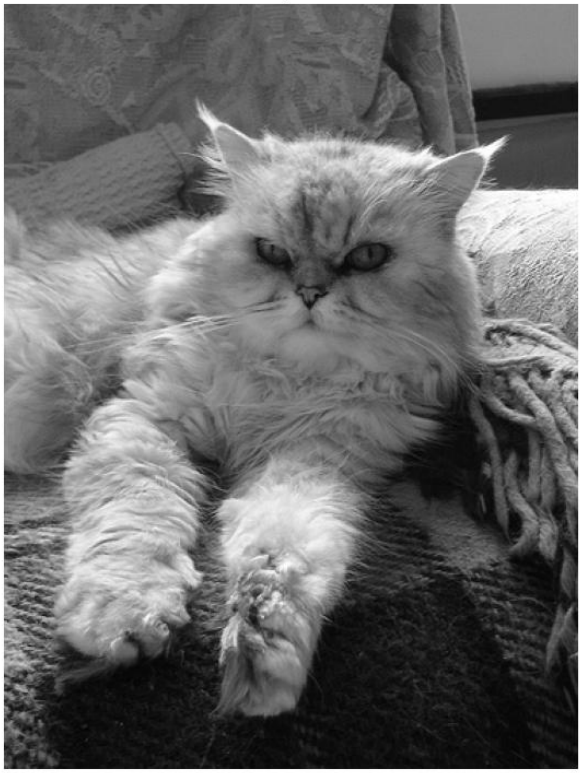
#5



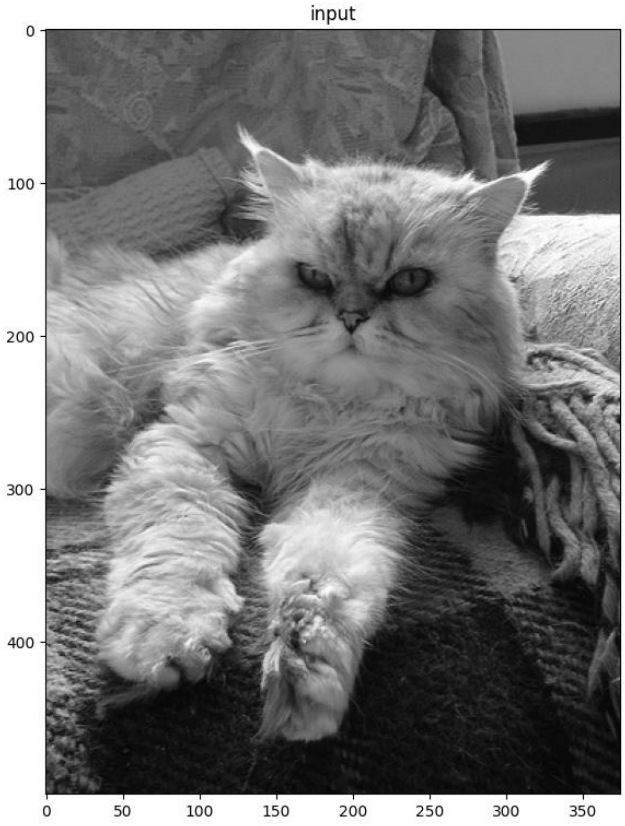


#6

input

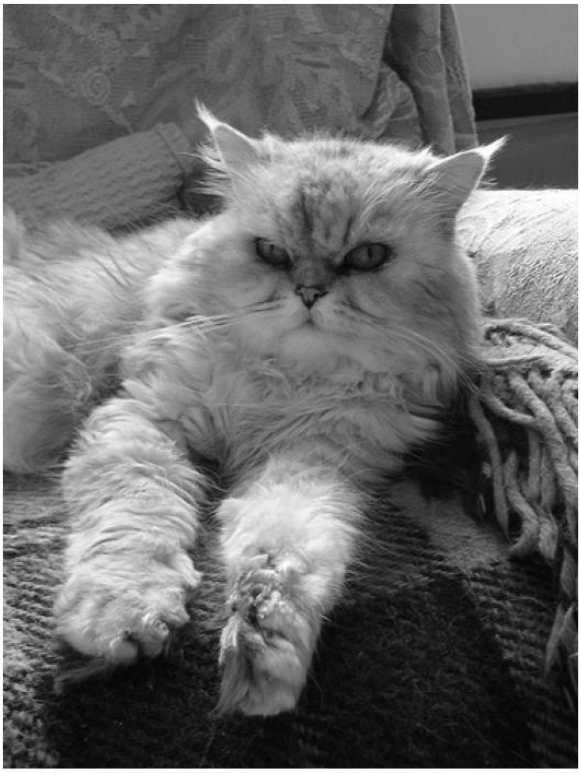


output



#7

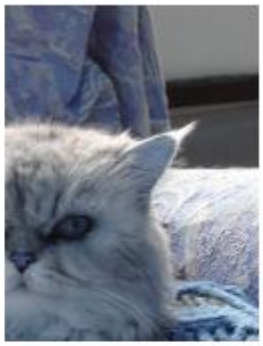
input



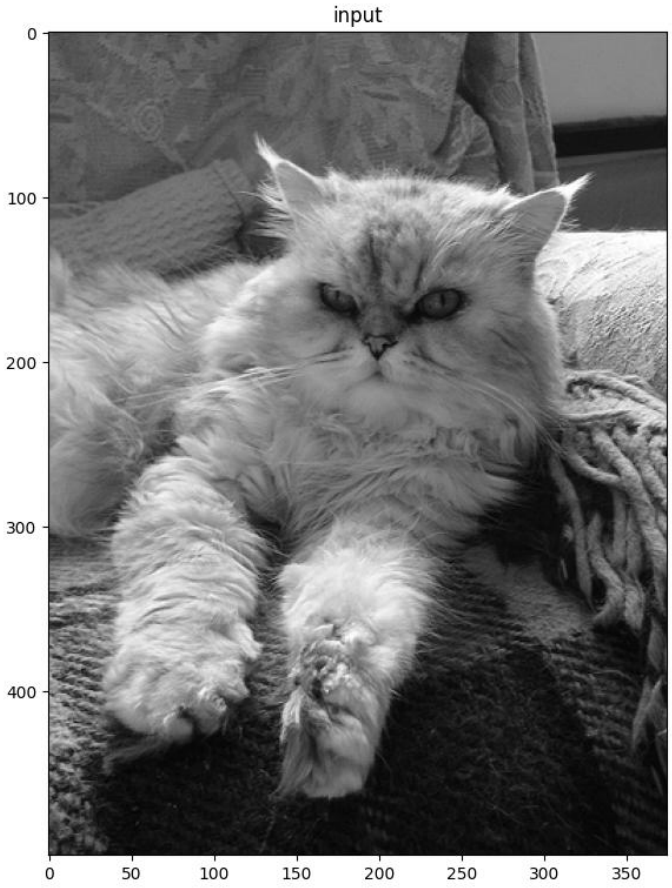
output

8#

#9

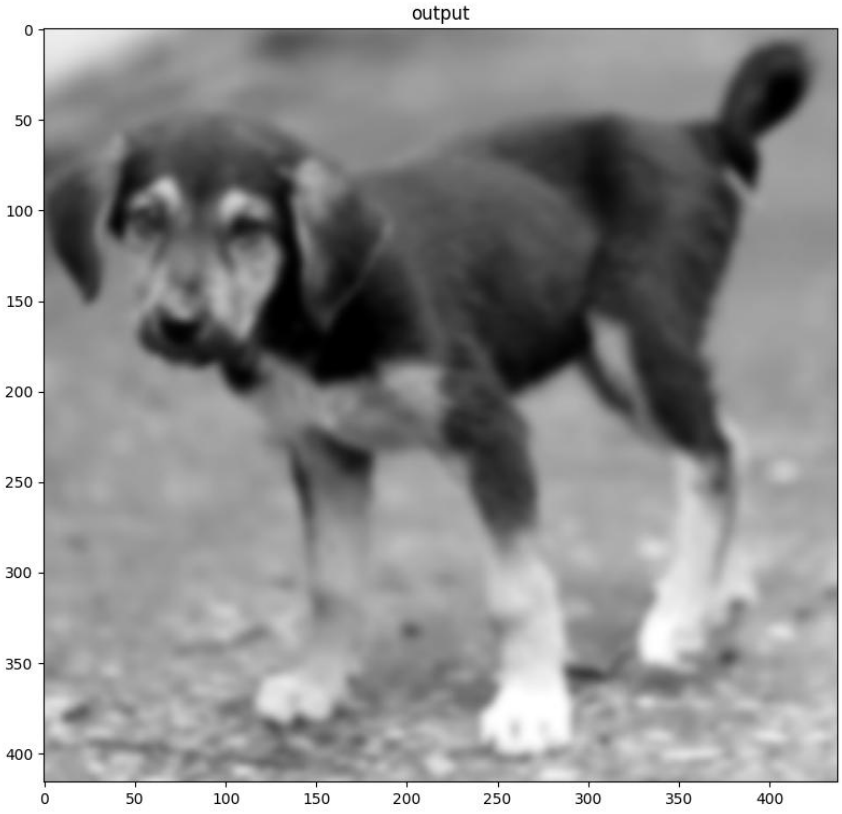


#10



#11

input
0
50
100
150
200
250
300
350
400
0
100
200
300
400


output
0
50
100
150
200
250
300
350
400
0
50
100
150
200
250
300
350
400

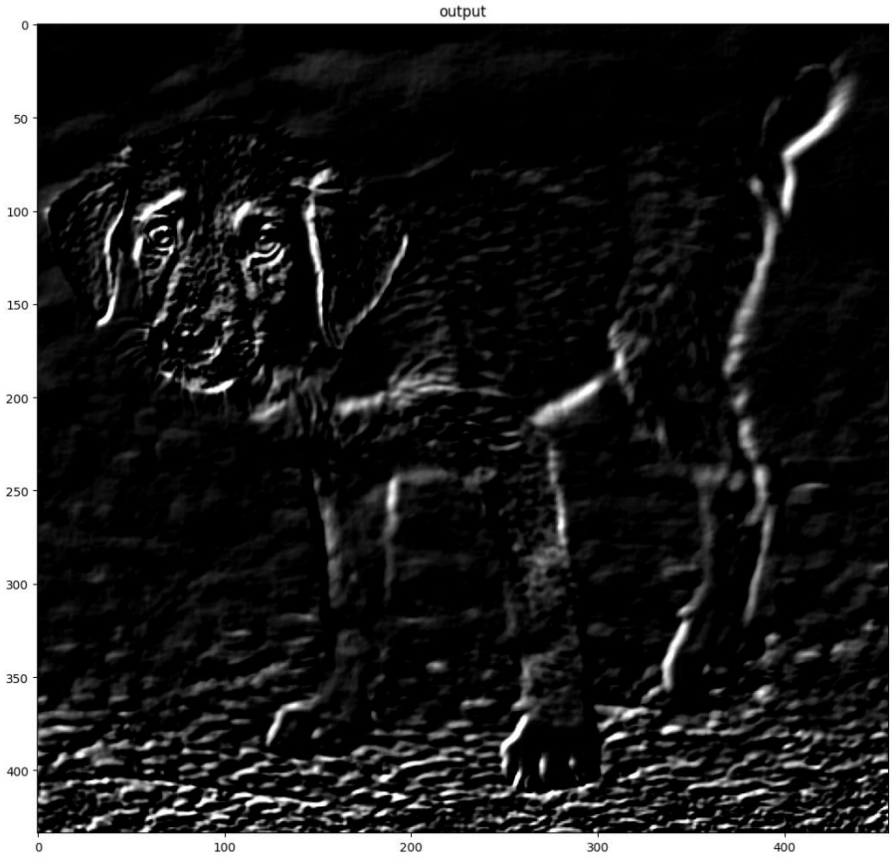
#12

input
0
50
100
150
200
250
300
350
400
0
100
200
300
400

output
0
50
100
150
200
250
300
350
400
0
100
200
300
400

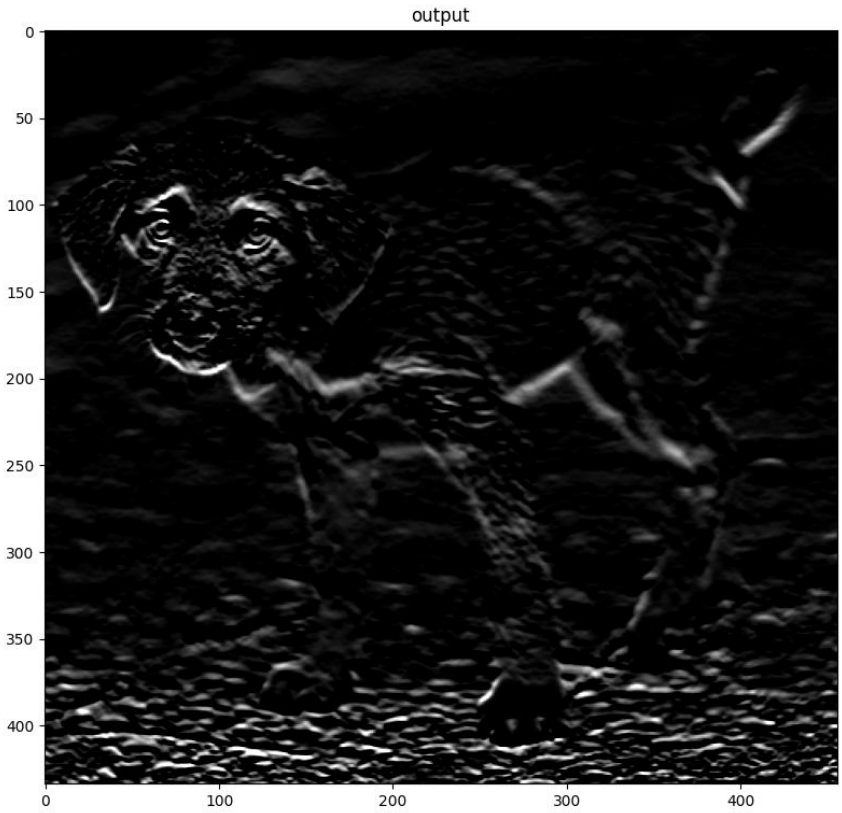
#13

input
0
50
100
150
200
250
300
350
400
0
100
200
300
400


output
0
50
100
150
200
250
300
350
400
0
100
200
300
400

#14

input
0
50
100
150
200
250
300
350
400
0
100
200
300
400


output
0
50
100
150
200
250
300
350
400
0
100
200
300
400

#15

input
0
50
100
150
200
250
300
350
400
0
100
200
300
400

output
0
50
100
150
200
250
300
350
400
0
100
200
300
400

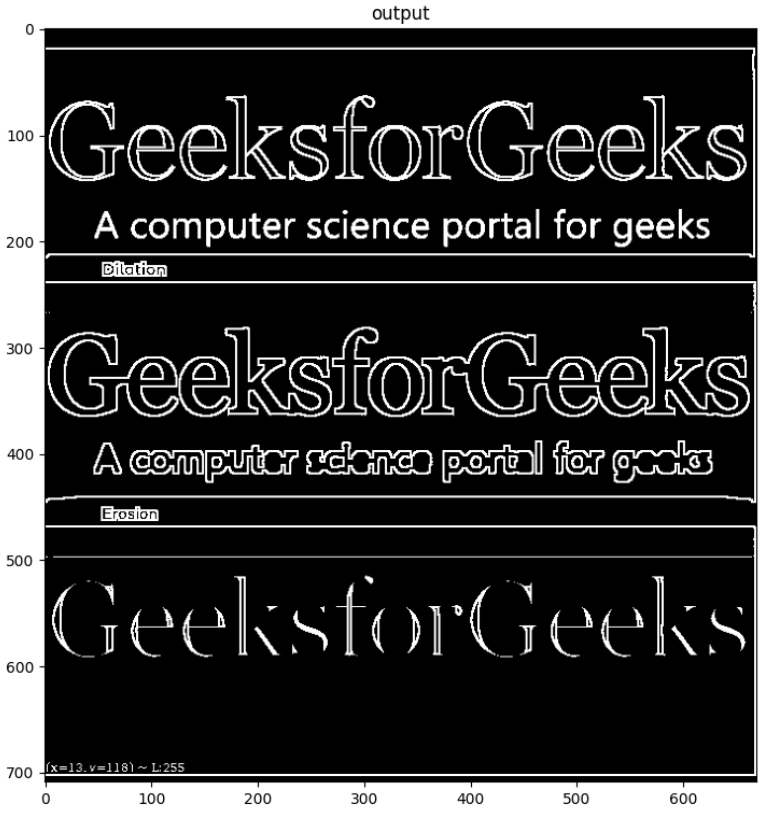
#16

input

output

#17

input
GeeksforGeeks
A computer science portal for geeks
Dilation
GeeksforGeeks
A computer science portal for geeks
Erosion
GeeksforGeeks
(x=13, y=118) ~ L:255


output
GeeksforGeeks
A computer science portal for geeks
Dilation
GeeksforGeeks
A computer science portal for geeks
Erosion
GeeksforGeeks
(x=13, y=118) ~ L:255

#18

input
GeeksforGeeks
A computer science portal for geeks
Dilation
GeeksforGeeks
A computer science portal for geeks
Erosion
GeeksforGeeks
(x=13, y=118) ~ L:255
0
100
200
300
400
500
600
700

eroded
GeeksforGeeks
GeeksforGeeks
A computer science portal for geeks
0
100
200
300
400
500
600
700

#19

input
GeeksforGeeks
A computer science portal for geeks
Dilation
GeeksforGeeks
A computer science portal for geeks
Erosion
GeeksforGeeks
(x=13, y=118) ~ L:255

output
GeeksforGeeks
A computer science portal for geeks
GeeksforGeeks
GeeksforGeeks

#20

input

Dilation

Erosion

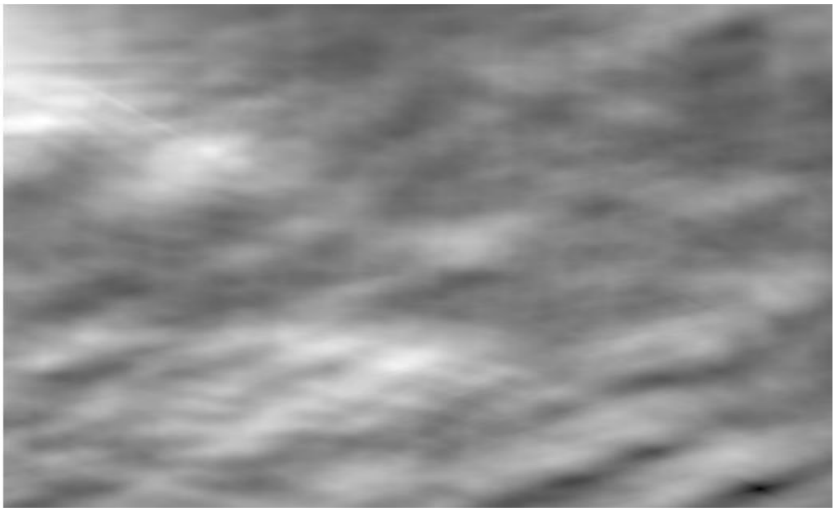
output

#21

input

Dilation

Erosion

output

#22