

# Bubble Sorting

$$i=1; j=1$$
$$j=2$$
$$j=3$$

**$j=4$**

$$j=5$$

**$j=6$**

**$j=7$**

$$i=2; j=1$$
$$j=2$$
 $j=3$ 
$$j=4$$
$$j=5$$

**$j = 6$**

$$i=3; j=1$$
 $j=2$  $j=3$  $j=4$  $j=5$ 
$$i=4; j=1, \dots, 4$$
$$i=5; j=1,2,3$$
$$i=6; j=1,2$$
$$i=7; j=1$$
$$i = 8; j = 1$$

1	3	5	2	4	7	8	9
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1	3	5	2	4	7		
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1	3	5	2	4	7		
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1	3	2	5	4	7		
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1	3	2	4	5	7		
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1	2	3	4	5	7	8	9
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