\mathbf{Log}

|--|

 \mathbf{Log}

Comparing cells at index ${\tt O}$ and ${\tt I}$

7 12 2 3 25 14 6 4	1 7	9 1	2	5
----------------------------------	-----	-----	---	---

 \mathbf{Log}

Swapping cells at index 0 and 1 $\,$

2	5 9	1	7	12	2	3	25	14	6	4	13	
---	-----	---	---	----	---	---	----	----	---	---	----	--

 \mathbf{Log}

Comparing cells at index 1 and 2

 \mathbf{Log}

Comparing cells at index 2 and 3

2 5 9 1 7 12 2 3 25 14 6 4	2	5	9	1	7	12	2	3	25	14	6	4	13	
--	---	---	---	---	---	----	---	---	----	----	---	---	----	--

 \mathbf{Log}

Swapping cells at index 2 and 3



 \mathbf{Log}

Comparing cells at index 3 and 4

2 5 1 9 7 12 2 3 25 14 6 4 1

 \mathbf{Log}

Swapping cells at index 3 and 4

2 5 1 7	12 2	3 25	14	6	4	13
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 \mathbf{Log}

Comparing cells at index 4 and 5

2 5 1 7 9 12 2 3 25 14 6 4	2	7	5 1	9	12	2	3	25	14	6	4	13	
----------------------------	---	---	-----	---	----	---	---	----	----	---	---	----	--

 \mathbf{Log}

Comparing cells at index 5 and 6

2 5 1 7 9 12 2 3 25 14 6 4	2	7	5 1	9	12	2	3	25	14	6	4	13	
----------------------------	---	---	-----	---	----	---	---	----	----	---	---	----	--

 \mathbf{Log}

Swapping cells at index 5 and 6

2	5 1	7	9	2 12	3	25	14	6	4	13	
---	-----	---	---	------	---	----	----	---	---	----	--

 \mathbf{Log}

Comparing cells at index 6 and 7

2 5 1 7 9 2 12 3 25 14 6 4 13	2	5	1	7	9	2	12	3	25	14	6	4	13
---	---	---	---	---	---	---	----	---	----	----	---	---	----

 \mathbf{Log}

Swapping cells at index 6 and 7

2	5	1	7	9	2	3 1	25	14	6	4	13	
---	---	---	---	---	---	-----	----	----	---	---	----	--

 \mathbf{Log}

Comparing cells at index 7 and 8

2	5	1	7	9	2	3	12	25	14	6	4	13

 \mathbf{Log}

Comparing cells at index 8 and 9

2 5 1 7 9 2 3 12 25 14 6 4 13

 \mathbf{Log}

Swapping cells at index 8 and 9 $\,$

2	5	1	7	9	2	3	12	14	25	6	4	13	
---	---	---	---	---	---	---	----	----	----	---	---	----	--

 \mathbf{Log}

Comparing cells at index 9 and 10

|--|

 \mathbf{Log}

Swapping cells at index 9 and 10

2	5 1	7 9	2 3	12 14	6 25	4	13
---	-----	-----	-----	-------	------	---	----

 \mathbf{Log}

Comparing cells at index 10 and 11

|--|

 \mathbf{Log}

Swapping cells at index 10 and 11

 \mathbf{Log}

Comparing cells at index 11 and 12

2 5 1 7 9 2 3 12 14 6 4 25	2	1 1	7 9	3 12	14 6	4 25 13
--	---	-----	-----	--------	------	---------

 \mathbf{Log}

Swapping cells at index 11 and 12

2	5 1	7 9	2 3	12 14	6	4	13 25
---	-----	-----	-----	-------	---	---	-------

 \mathbf{Log}

Comparing cells at index ${\tt O}$ and ${\tt I}$

 \mathbf{Log}

Comparing cells at index 1 and 2

2 5 1 7 9 2 3 12 14 6 4 13

 \mathbf{Log}

Swapping cells at index 1 and 2

2	1 5	7	9	2	3	12	14	6	4	13	25	
---	-----	---	---	---	---	----	----	---	---	----	----	--

 \mathbf{Log}

Comparing cells at index 2 and 3

2 1 5 7 9 2 3 12 14 6 4 13	2	1 5	5 7	$9 \mid 2 \mid$	3	12 14	6	4	13	25
----------------------------	---	-----	-----	-----------------	---	-------	---	---	----	----

 \mathbf{Log}

Comparing cells at index 3 and 4

2 1 5 7 9 2 3 12 14 6 4 13 25

 \mathbf{Log}

Comparing cells at index 4 and 5

2 1 5 7 9 2 3 12 14 6	4	4 13	3 25	
-----------------------	---	--------	------	--

 \mathbf{Log}

Swapping cells at index 4 and 5

2	1	5	7	2	9	3	12	14	6	4	13	25	
---	---	---	---	---	---	---	----	----	---	---	----	----	--

 \mathbf{Log}

Comparing cells at index 5 and 6

2 1 5 7 2 9 3 12	14 6 4 13 25
------------------	--------------

 \mathbf{Log}

Swapping cells at index 5 and 6

2	1	5	7	2	3	9 12	14	6	4	13	25	
---	---	---	---	---	---	------	----	---	---	----	----	--

 \mathbf{Log}

Comparing cells at index 6 and 7

	2	1	5	7	2	3	9	12	14	6	4	13	25
П													

 \mathbf{Log}

Comparing cells at index 7 and 8

2	;	1	5	7	2	3	9	12	14	6	4	13	25
1													

 \mathbf{Log}

Comparing cells at index 8 and 9

2	1	5	7	2	3	9	12	14	6	4	13	25

 \mathbf{Log}

Swapping cells at index 8 and 9 $\,$

2	1 :	5 7	2	3	9	12	6	14	4	13	25	
---	-----	-----	---	---	---	----	---	----	---	----	----	--

 \mathbf{Log}

Comparing cells at index 9 and 10

2 1 5 7 2 3 9 12 6 14	4	13	25
-----------------------	---	----	----

 \mathbf{Log}

Swapping cells at index 9 and 10

2	1	5	7	2	3	9	12	6	$\boxed{4}$	14	13	25	
---	---	---	---	---	---	---	----	---	-------------	----	----	----	--

 \mathbf{Log}

Comparing cells at index 10 and 11

2 1 5 7 2 3 9 12 6 4 14 13 25

 \mathbf{Log}

Swapping cells at index 10 and 11

2	1 5	5 7	2	3	9	12	6	4	13	14	25
---	-----	-----	---	---	---	----	---	---	----	----	----

 \mathbf{Log}

Comparing cells at index 0 and 1

2	1	5	7	2	3	9	12	6	4	13	14	25	
---	---	---	---	---	---	---	----	---	---	----	----	----	--

 \mathbf{Log}

Swapping cells at index 0 and 1

 \mathbf{Log}

Comparing cells at index 1 and 2

 \mathbf{Log}

Comparing cells at index 2 and 3

	1	2	5	7	2	3	9	12	6	4	13	14	25
- 1													

 \mathbf{Log}

Comparing cells at index 3 and 4

1 2 5 7 2 3 9 12 6 4 13 14 24	1	2	5	7	2	3	9	12	6	4	13	14	25
---	---	---	---	---	---	---	---	----	---	---	----	----	----

 \mathbf{Log}

Swapping cells at index 3 and 4

1	2 5	5 2	7 3	9	12	6	4	13	14	25
---	-----	-----	-----	---	----	---	---	----	----	----

 \mathbf{Log}

Comparing cells at index 4 and 5

1 2 5 2 7 3 9 12 6 4 13 14	1	2 5	2 7	3 9	12 6	4 1	3 14 25
----------------------------	---	-----	-----	-----	------	-----	-------------

 \mathbf{Log}

Swapping cells at index 4 and 5

 \mathbf{Log}

Comparing cells at index 5 and 6

1 2 5 2 3 7 9 12 6 4 13 14 25

 \mathbf{Log}

Comparing cells at index 6 and 7

1	2	5	2	3	7	9	12	6	4	13	14	25

 \mathbf{Log}

Comparing cells at index 7 and 8

 \mathbf{Log}

Swapping cells at index 7 and 8

1	2	5	2	3	7	9	6	12	4	13	14	25	
---	---	---	---	---	---	---	---	----	---	----	----	----	--

 \mathbf{Log}

Comparing cells at index 8 and 9

1	2	5	2	3	7	9	6	12	4	13	14	25

 \mathbf{Log}

Swapping cells at index 8 and 9 $\,$

1	2 5	2 3	7 9	6 4	12 13	14 25	
---	-----	-----	-----	-----	-------	-------	--

 \mathbf{Log}

Comparing cells at index 9 and 10

1 2 5 2 3 7 9 6 4 12 13 1	1	2 5	1	2	3	7	9	6	4	12	13	14	25
---------------------------	---	-----	---	---	---	---	---	---	---	----	----	----	----

 \mathbf{Log}

Comparing cells at index ${\tt O}$ and ${\tt I}$

|--|

 \mathbf{Log}

Comparing cells at index 1 and 2

 \mathbf{Log}

Comparing cells at index 2 and 3

1 2 <mark>5 2 3 7 9 6 4 12 13 14 </mark> 2

 \mathbf{Log}

Swapping cells at index 2 and 3

 \mathbf{Log}

Comparing cells at index 3 and 4

1 2 2 5 3 7 9 6 4 12 13 14
--

 \mathbf{Log}

Swapping cells at index 3 and 4

 \mathbf{Log}

Comparing cells at index 4 and 5

 \mathbf{Log}

Comparing cells at index 5 and 6

		1	2	2	3	5	7	9	6	4	12	13	14	25
--	--	---	---	---	---	---	---	---	---	---	----	----	----	----

 \mathbf{Log}

Comparing cells at index 6 and 7

		1	2	2	3	5	7	9	6	4	12	13	14	25
--	--	---	---	---	---	---	---	---	---	---	----	----	----	----

 \mathbf{Log}

Swapping cells at index 6 and 7

1	2	2	3	5	7	6 9	4	12	13	14	25	
---	---	---	---	---	---	-----	---	----	----	----	----	--

 \mathbf{Log}

Comparing cells at index 7 and 8

1 2 2 3 5 7 6 9 4 12 13 14	1	2 2	2 3	5 7	6	9	4 12	13	14 25
----------------------------	---	-----	-----	-----	---	---	------	----	-------

 \mathbf{Log}

Swapping cells at index 7 and 8

1	2	2	3	5	7	6	$\boxed{4}$	9	12	13	14	25	
---	---	---	---	---	---	---	-------------	---	----	----	----	----	--

 \mathbf{Log}

Comparing cells at index 8 and 9

1 2 2 3 5 7 6 4 9 12 13 14

 \mathbf{Log}

Comparing cells at index ${\tt O}$ and ${\tt I}$

1 2 2 3 5 7 6 4 9 12 13 14 25

 \mathbf{Log}

Comparing cells at index 1 and 2

 \mathbf{Log}

Comparing cells at index 2 and 3

1 2 2 3 5 7 6 4 9 12 13 14 2

 \mathbf{Log}

Comparing cells at index 3 and 4

1 2 2 3 5 7 6 4 9 12 13 14 28	1	2	2	3	5	7	6	4	9	12	13	14	25
---	---	---	---	---	---	---	---	---	---	----	----	----	----

 \mathbf{Log}

Comparing cells at index 4 and 5

|--|

 \mathbf{Log}

Comparing cells at index 5 and 6

1 2 2 3 5 7 6 4 9 12	13 14	25
----------------------	---------	----

 \mathbf{Log}

Swapping cells at index 5 and 6

 \mathbf{Log}

Comparing cells at index 6 and 7

1	2	2	3	5	6	7	4	9	12	13	14	25

 \mathbf{Log}

Swapping cells at index 6 and 7

1	2 2	3	5	6	4 7	9	12	13	14	25	
---	-----	---	---	---	-----	---	----	----	----	----	--

 \mathbf{Log}

Comparing cells at index 7 and 8

1 2 2 3 5 6 4 7 9 12 13 14 25

 \mathbf{Log}

Comparing cells at index ${\tt O}$ and ${\tt I}$

|--|

 \mathbf{Log}

Comparing cells at index 1 and 2

 \mathbf{Log}

Comparing cells at index 2 and 3

1 2 2 3 5 6 4 7 9 12 13 14 2
--

 \mathbf{Log}

Comparing cells at index 3 and 4

1 2 2 3 5 6 4 7 9 12	13 14	25
--	---------	----

 \mathbf{Log}

Comparing cells at index 4 and 5

1	2	2	3	5	6	4	7	9	12	13	14	25

 \mathbf{Log}

Comparing cells at index 5 and 6

		1	2	2	3	5	6	4	7	9	12	13	14	25
--	--	---	---	---	---	---	---	---	---	---	----	----	----	----

 \mathbf{Log}

Swapping cells at index 5 and 6

 \mathbf{Log}

Comparing cells at index 6 and 7

	1	2	2	3	5	4	6	7	9	12	13	14	25
- 1													

 \mathbf{Log}

Comparing cells at index ${\tt O}$ and ${\tt I}$

 \mathbf{Log}

Comparing cells at index 1 and 2

1 2 2 3 5 4 6 7 9 12 13 14 25

 \mathbf{Log}

Comparing cells at index 2 and 3

 \mathbf{Log}

Comparing cells at index 3 and 4

1 2 2 3 5 4 6 7 9 12 13 14

 \mathbf{Log}

Comparing cells at index 4 and 5

1 2 2 3 5 4 6 7 9 12 13 14 25	1	2	2	3	5	4	6	7	9	12	13	14	25
--	---	---	---	---	---	---	---	---	---	----	----	----	----

 \mathbf{Log}

Swapping cells at index 4 and 5

 \mathbf{Log}

Comparing cells at index 5 and 6

 \mathbf{Log}

Comparing cells at index 0 and 1

|--|

 \mathbf{Log}

Comparing cells at index 1 and 2

 \mathbf{Log}

Comparing cells at index 2 and 3

1 2 2 3 4 5 6 7 9 12 13 14

 \mathbf{Log}

Comparing cells at index 3 and 4

1 2 2 3 4 5 6 7 9 12 13 14 2
--

 \mathbf{Log}

Comparing cells at index 4 and 5

1 2 2 3 4 5 6 7 9	12 13 14 25
-------------------	-------------------

 \mathbf{Log}

Comparing cells at index ${\tt O}$ and ${\tt I}$

|--|

 \mathbf{Log}

Comparing cells at index 1 and 2

1 2 2 3 4 5 6 7 9 12 13 14 2
--

 \mathbf{Log}

Comparing cells at index 2 and 3

1 2 2 3 4 5 6 7 9 12 13 1	1			3		3	3		9						3	3	3		4	4		5		6		7		9		12		13		14		25	
---	---	--	--	---	--	---	---	--	---	--	--	--	--	--	---	---	---	--	---	---	--	---	--	---	--	---	--	---	--	----	--	----	--	----	--	----	--

 \mathbf{Log}

Comparing cells at index 3 and 4

1 2 2 3 4 5 6 7 9 12	13 14	4 25
--	-------	------

 \mathbf{Log}

Comparing cells at index 0 and 1

1 2 2 3 4 5 6 7 9 12 13 14 2
--

 \mathbf{Log}

Comparing cells at index 1 and 2

1 2 2 3 4 5 6 7 9 12 13 14
--

 \mathbf{Log}

Comparing cells at index 2 and 3

1	2	2	3	4	5	6	7	9	12	13	14	25

 \mathbf{Log}

Comparing cells at index 0 and 1

3 4 5 6 7 9 12 13	7 9	6	5	4	3	2	2	1	
-------------------	-----	---	---	---	---	---	---	---	--

 \mathbf{Log}

Comparing cells at index 1 and 2

1 2 2 3 4 5 6 7 9 12 13 14 25

 \mathbf{Log}

Comparing cells at index 0 and 1