

data 1

10	10	0	1						
1	1	0	1	0	0	1	0	1	0
0	1	0	1	1	0	1	0	1	0
0	1	0	0	1	0	1	0	1	0
1	1	0	0	1	0	1	0	1	1
1	0	1	1	0	0	1	0	1	0
0	0	0	0	1	1	1	1	1	0
0	0	1	0	0	0	0	1	0	1
1	1	1	1	0	0	1	0	1	0
1	0	1	0	1	1	1	1	0	0
0	0	0	0	0	1	0	1	0	0

8-Connected

Result of: Pass 1

1	1	.	2	.	.	3	.	4	.
.	1	.	2	2	.	3	.	4	.
.	1	.	.	2	.	3	.	4	.
1	1	.	.	2	.	3	.	4	4
1	.	1	1	.	.	3	.	4	.
.	.	.	.	1	1	1	1	1	.
.	.	5	.	.	.	.	1	.	1
6	5	5	5	.	.	1	.	1	.
5	.	5	.	5	1	1	1	.	.
.	1	.	1	.	.

Equivalency Table after: Pass 1 (indexing starts from 1)

1	1	1	1	1	5
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Result of: Pass 2

1	1	.	1	.	.	1	.	1	.
.	1	.	1	1	.	1	.	1	.
.	1	.	.	1	.	1	.	1	.
1	1	.	.	1	.	1	.	1	1
1	.	1	1	.	.	1	.	1	.
.	.	.	.	1	1	1	1	1	.
.	.	1	1	.	1
1	1	1	1	.	.	1	.	1	.
1	.	1	.	1	1	1	1	.	.
.	1	.	1	.	.

Equivalency Table after: Pass 2 (indexing starts from 1)

1	1	1	1	1	1
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Equivalency Table after: EQ Table Management (indexing starts from 1)

1	1	1	1	1	1
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Result of: Pass 3

1	1	.	1	.	.	1	.	1	.
.	1	.	1	1	.	1	.	1	.
.	1	.	.	1	.	1	.	1	.
1	1	.	.	1	.	1	.	1	1
1	.	1	1	.	.	1	.	1	.
.	.	.	.	1	1	1	1	1	.
.	.	1	1	.	1
1	1	1	1	.	.	1	.	1	.
1	.	1	.	1	1	1	1	.	.
.	1	.	1	.	.

Equivalency Table after: Pass 3 (indexing starts from 1)

1	1	1	1	1	1
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Number of Connected Components: 1

4-Connected

Result of: Pass 1

1	1	.	2	.	.	3	.	4	.
.	1	.	2	2	.	3	.	4	.
.	1	.	.	2	.	3	.	4	.
5	1	.	.	2	.	3	.	4	4
5	.	6	6	.	.	3	.	4	.
.	.	.	.	7	7	3	3	3	.
.	.	8	.	.	.	.	3	.	9
10	10	8	8	.	.	11	.	12	.
10	.	8	.	13	13	11	11	.	.
.	.	.	.	.	13	.	11	.	.

Equivalency Table after: Pass 1 (indexing starts from 1)

1	2	3	3	1	6	3	8	9	8	11	12	11
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Result of: Pass 2

1	1	.	2	.	.	3	.	3	.
.	1	.	2	2	.	3	.	3	.
.	1	.	.	2	.	3	.	3	.
1	1	.	.	2	.	3	.	3	3
1	.	6	6	.	.	3	.	3	.
.	.	.	.	3	3	3	3	3	.
.	.	8	3	.	9
8	8	8	8	.	.	11	.	12	.
8	.	8	.	11	11	11	11	.	.
.	.	.	.	.	11	.	11	.	.

Equivalency Table after: Pass 2 (indexing starts from 1)

1	2	3	3	1	6	3	8	9	8	11	12	11
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Equivalency Table after: EQ Table Management (indexing starts from 1)

1	2	3	3	1	4	3	5	6	5	7	8	7
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Result of: Pass 3

1	1	.	2	.	.	3	.	3	.
.	1	.	2	2	.	3	.	3	.
.	1	.	.	2	.	3	.	3	.
1	1	.	.	2	.	3	.	3	3
1	.	4	4	.	.	3	.	3	.
.	.	.	.	3	3	3	3	3	.
.	.	5	3	.	6
5	5	5	5	.	.	7	.	8	.
5	.	5	.	7	7	7	7	.	.
.	7	.	7	.	.

Equivalency Table after: Pass 3 (indexing starts from 1)

1	2	3	3	1	4	3	5	6	5	7	8	7
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Number of Connected Components: 8

Final Labels

10	10	0	1						
1	1	.	1	.	.	1	.	1	.
.	1	.	1	1	.	1	.	1	.
.	1	.	.	1	.	1	.	1	.
1	1	.	.	1	.	1	.	1	1
1	.	1	1	.	.	1	.	1	.
.	.	.	.	1	1	1	1	1	.
.	.	1	.	.	.	.	1	.	1
1	1	1	1	.	.	1	.	1	.
1	.	1	.	1	1	1	1	.	.
.	.	.	.	.	1	.	1	.	.

Prop. File

10	10	0	1
1			
1			
47			
0	0		
9	9		

Bounding Boxes

1	1	1	1	1	1	1	1	1	1
1	1	.	1	1	.	1	.	1	1
1	1	.	.	1	.	1	.	1	1
1	1	.	.	1	.	1	.	1	1
1	.	1	1	.	.	1	.	1	1
1	.	.	.	1	1	1	1	1	1
1	.	1	.	.	.	.	1	.	1
1	1	1	1	.	.	1	.	1	1
1	.	1	.	1	1	1	1	.	1
1	1	1	1	1	1	1	1	1	1

Final Labels

10	10	0	8						
1	1	.	2	.	.	3	.	3	.
.	1	.	2	2	.	3	.	3	.
.	1	.	.	2	.	3	.	3	.
1	1	.	.	2	.	3	.	3	3
1	.	4	4	.	.	3	.	3	.
.	.	.	.	3	3	3	3	3	.
.	.	5	.	.	.	.	3	.	6
5	5	5	5	.	.	7	.	8	.
5	.	5	.	7	7	7	7	.	.
.	.	.	.	.	7	.	7	.	.

Prop. File

10	10	0	8
8			
1			
7			
0	0		
4	1		
2			
5			
0	3		
3	4		
3			
17			
0	4		
6	9		
4			
2			
4	2		
4	3		
5			
7			
6	0		
8	3		
6			
1			
6	9		
6	9		
7			
7			
7	4		
9	7		
8			
1			
7	8		
7	8		

Bounding Boxes

1	1	.	2	3	3	3	3	3	3
1	1	.	2	3	.	3	.	3	3
1	1	.	2	3	.	3	.	3	3
1	1	.	2	3	.	3	.	3	3
1	1	4	4	3	.	3	.	3	3
.	.	.	.	3	3	3	3	3	3
5	5	5	5	3	3	3	3	3	6
5	5	5	5	7	7	7	7	8	.
5	5	5	5	7	7	7	7	.	.
.	.	.	.	7	7	7	7	.	.