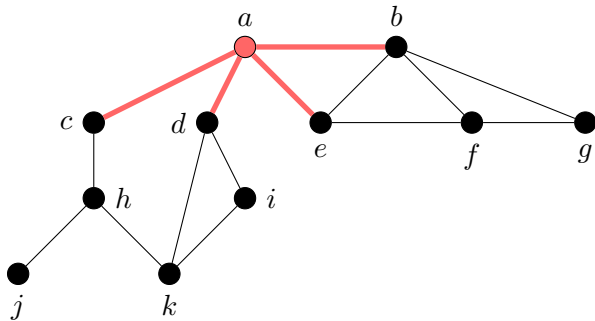
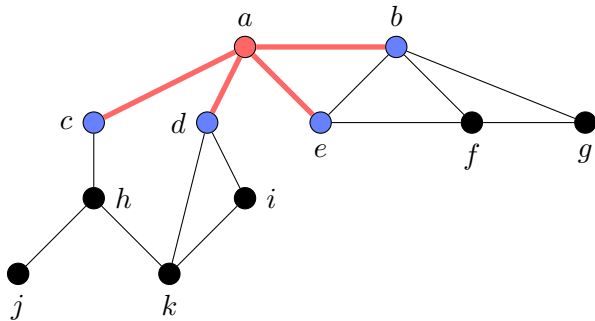


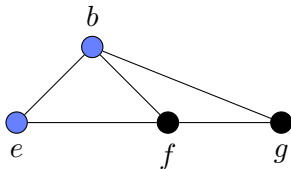
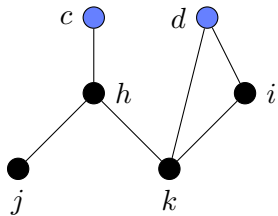
4, 4, 3, 3, 3, 3, 3, 2, 2, 2, 1
a, b, d, e, f, h, k, c, g, i, j



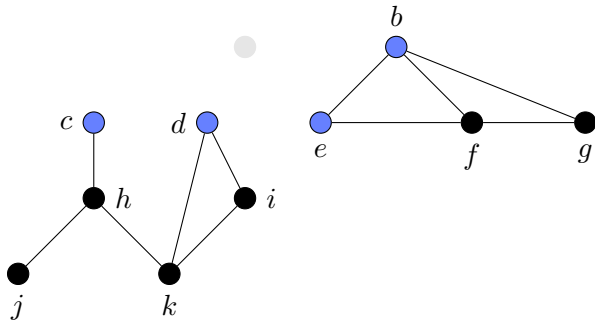
4, 4, 3, 3, 3, 3, 3, 2, 2, 2, 1
a, *b*, *d*, *e*, *f*, *h*, *k*, *c*, *g*, *i*, *j*



4, 4, 3, 3, 3, 3, 3, 2, 2, 2, 1
 a, b, d, e, f, h, k, c, g, i, j



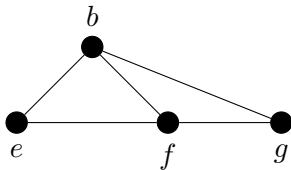
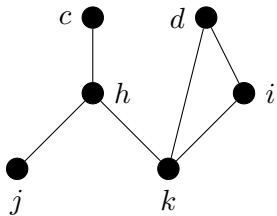
$4 - 1, 3 - 1, 3 - 1, 3, 3, 3, 2 - 1, 2, 2, 1$
 $b, d, e, f, h, k, c, g, i, j$



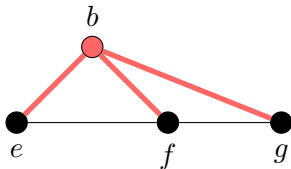
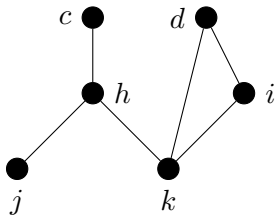
4 - 1, 3 - 1, 3 - 1, 3, 3, 3, 2 - 1, 2, 2, 1
b, *d*, *e*, *f*, *h*, *k*, *c*, *g*, *i*, *j*

↓ ↓ ↓

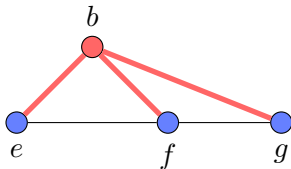
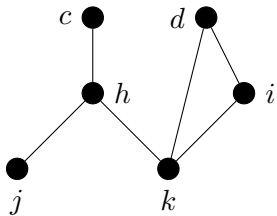
3, 3, 3, 3, 2, 2, 2, 2, 1, 1
b, *f*, *h*, *k*, *d*, *e*, *g*, *i*, *c*, *j*



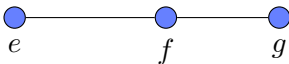
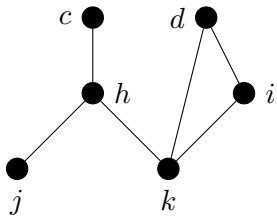
3, 3, 3, 3, 2, 2, 2, 2, 1, 1
b, f, h, k, d, e, g, i, c, j



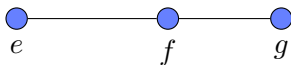
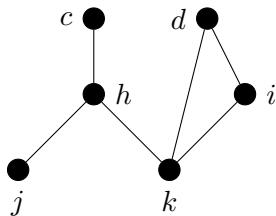
3, 3, 3, 3, 2, 2, 2, 2, 1, 1
b, *f*, *h*, *k*, *d*, *e*, *g*, *i*, *c*, *j*



3, 3, 3, 3, 2, 2, 2, 2, 1, 1
 b, f, h, k, d, e, g, i, c, j



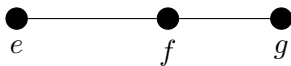
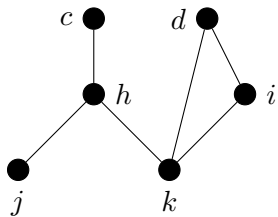
$3 - 1, 3, 3, 2, 2 - 1, 2 - 1, 2, 1, 1$
 $f, h, k, d, e, g, i, c, j$



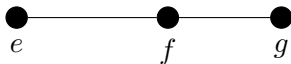
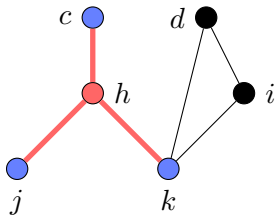
$3 - 1$, 3, 3, 2, $2 - 1$, $2 - 1$, 2, 1, 1
f, *h*, *k*, *d*, *e*, *g*, *i*, *c*, *j*

↓ ↓ ↓

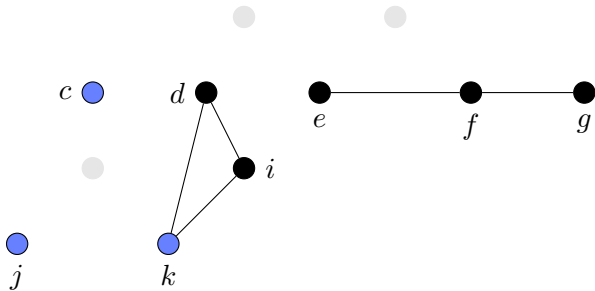
3, 3, 2, 2 , 2, 1, 1 , 1 , 1
h, *k*, *d*, *f*, *i*, *c*, *e*, *g*, *j*



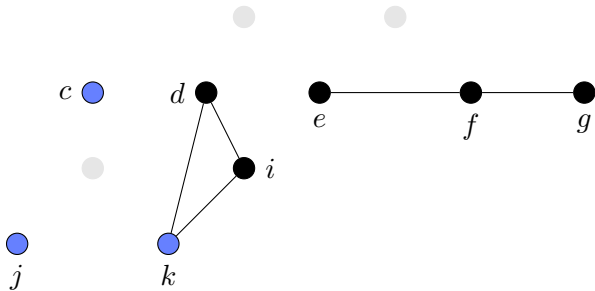
3, 3, 2, 2, 2, 1, 1, 1, 1
h, k, d, f, i, c, e, g, j



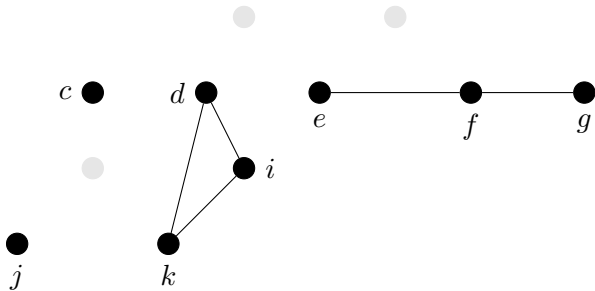
3, 3, 2, 2, 2, 1, 1, 1, 1
h, k, d, f, i, c, e, g, j



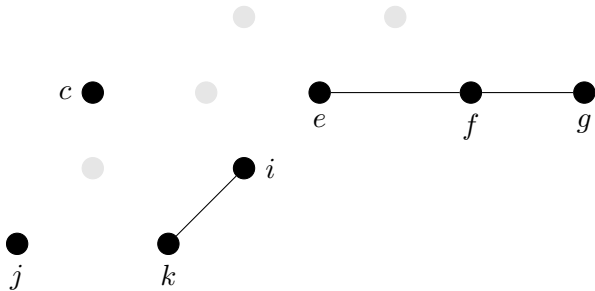
2, 2, 2, 2, 0, 1, 1, 0
k, d, f, i, c, e, g, j



2, 2, 2, 2, 1, 1, 0, 0
d, f, i, k, e, g, c, j



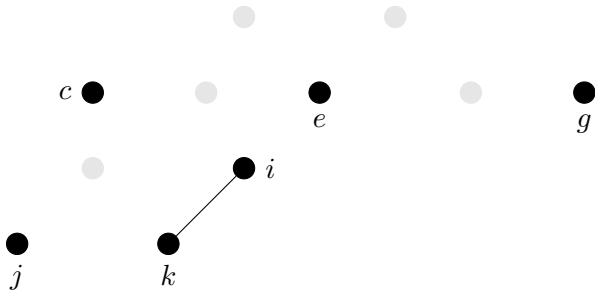
2, 2, 2, 2, 1, 1, 0, 0
d, f, i, k, e, g, c, j



2, 2, 2, 2, 1, 1, 0, 0
d, f, i, k, e, g, c, j

↓ ↓ ↓

2, 1, 1, 1, 1, 0, 0
f, e, g, i, k, c, j



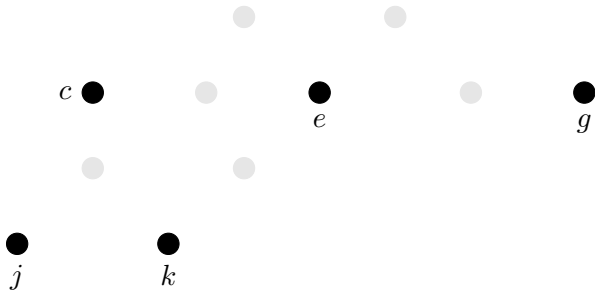
2, 2, 2, 2, 1, 1, 0, 0
d, f, i, k, e, g, c, j

↓ ↓ ↓

2, 1, 1, 1, 1, 0, 0
f, e, g, i, k, c, j

↓ ↓ ↓

1, 1, 0, 0, 0, 0
i, k, c, e, g, j



2, 2, 2, 2, 1, 1, 0, 0
d, f, i, k, e, g, c, j

↓ ↓ ↓

2, 1, 1, 1, 1, 0, 0
f, e, g, i, k, c, j

↓ ↓ ↓

1, 1, 0, 0, 0, 0 → 0, 0, 0, 0, 0
i, k, c, e, g, j c, e, g, j, k

Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

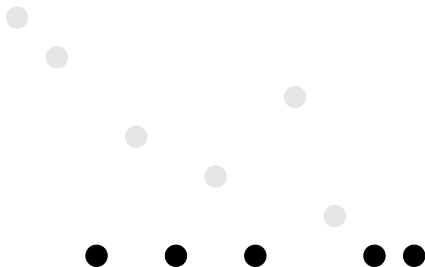
A map for building G back up:



Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

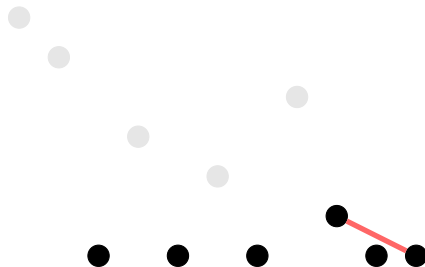
A map for building G back up:



Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

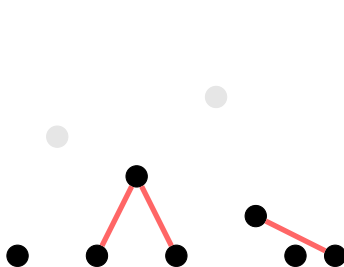
A map for building G back up:



Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

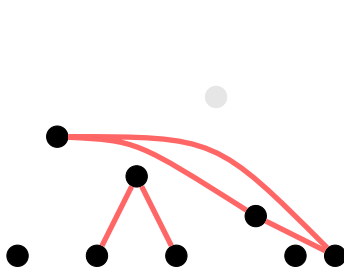
A map for building G back up:



Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

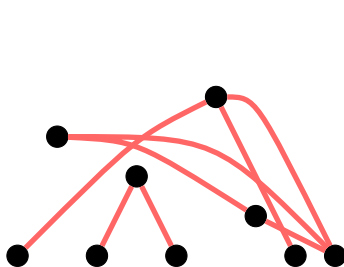
A map for building G back up:



Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

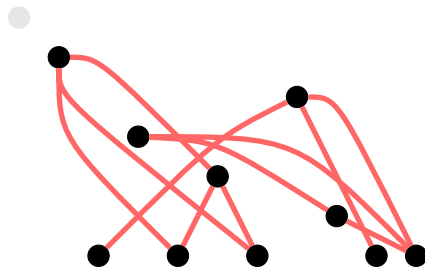
A map for building G back up:



Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

A map for building G back up:



Without reordering:

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>
Step 0:	4	4	2	3	3	3	2	3	2	1	3
Step 1:		3	1	2	2	3	2	3	2	1	3
Step 2:			1	2	1	2	1	3	2	1	3
Step 3:			0	2	1	2	1		2	0	2
Step 4:			0		1	2	1		1	0	1
Step 5:			0		0		0		1	0	1
Step 6:			0		0		0			0	0

A map for building G back up:

