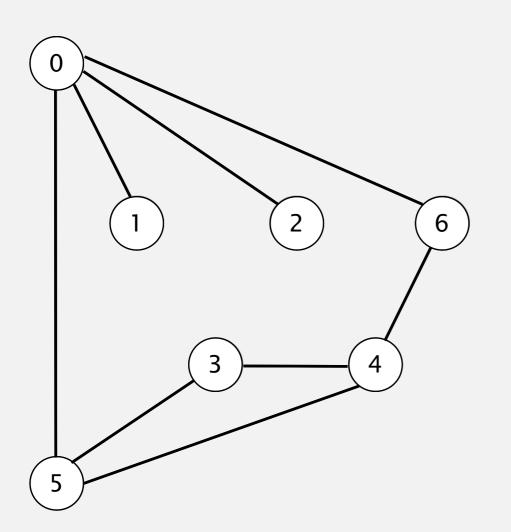
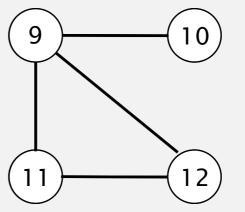


- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.





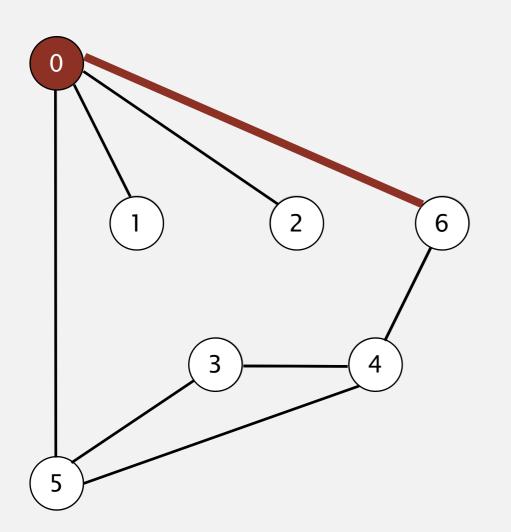


V	marked[]	id[]
0	F	-
1	F	-
2	F	_
3	F	_
4	F	-
5	F	-
6	F	-
7	F	_
8	F	_
9	F	-
10	F	-
11	F	-
12	F	_

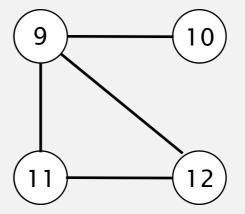
graph G

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



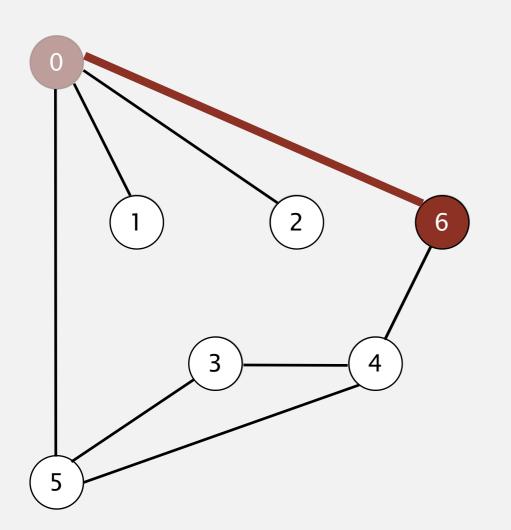




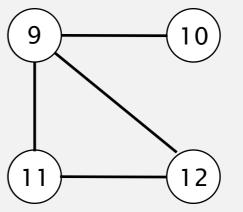
V	marked[]	id[]
0	T	0
1	F	_
2	F	-
3	F	_
4	F	-
5	F	_
6	F	-
7	F	_
8	F	_
9	F	-
10	F	_
11	F	-
12	F	_

visit 0

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

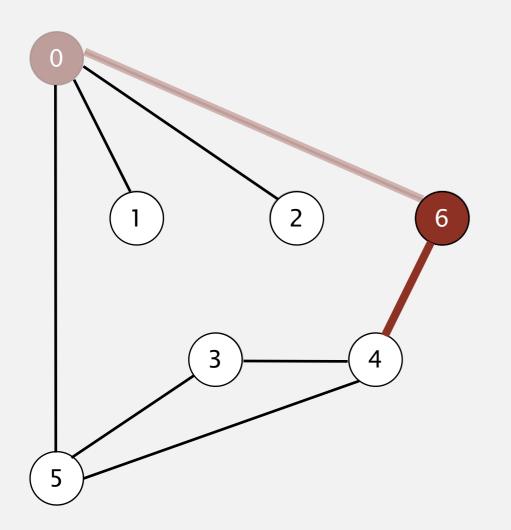




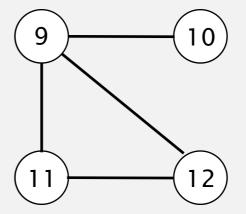


V	marked[]	id[]
0	Т	0
1	F	-
2	F	-
3	F	-
4 5	F	-
5	F	-
6	T	0
7	F	_
8	F	-
9	F	-
10	F	-
11	F	_
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

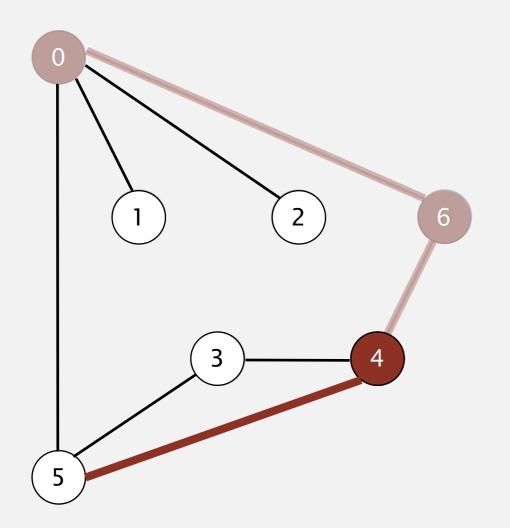




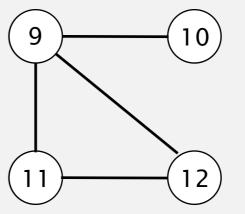


V	marked[]	id[]
0	Т	0
1	F	_
2	F	-
3	F	-
4	F	_
5	F	-
6	Т	0
7	F	-
8	F	-
9	F	-
10	F	-
11	F	-
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

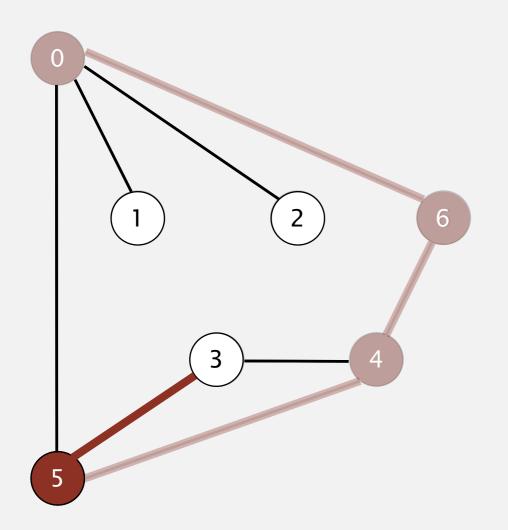




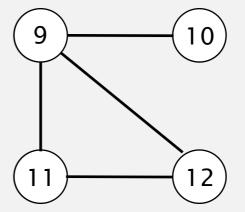


V	marked[]	id[]
0	Т	0
1	F	-
2	F	-
3	F	-
4	T	0
5	F	-
6	Т	0
7	F	-
8	F	-
9	F	-
10	F	-
11	F	-
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

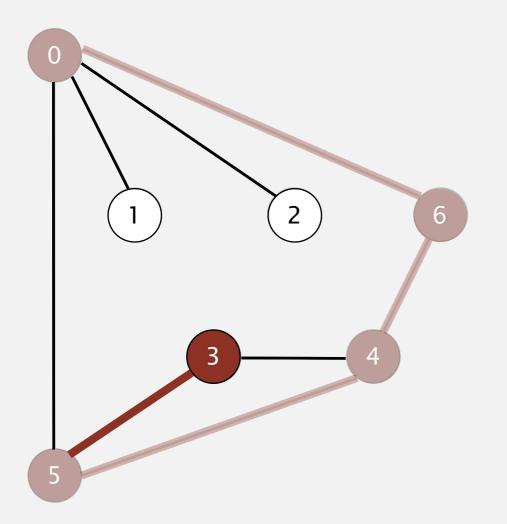


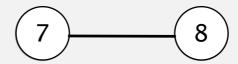


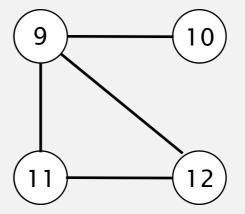


V	marked[]	id[]
0	Т	0
1	F	-
2	F	_
3	F	-
4	Т	0
5	T	0
6	Т	0
7	F	-
8	F	-
9	F	-
10	F	_
11	F	-
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



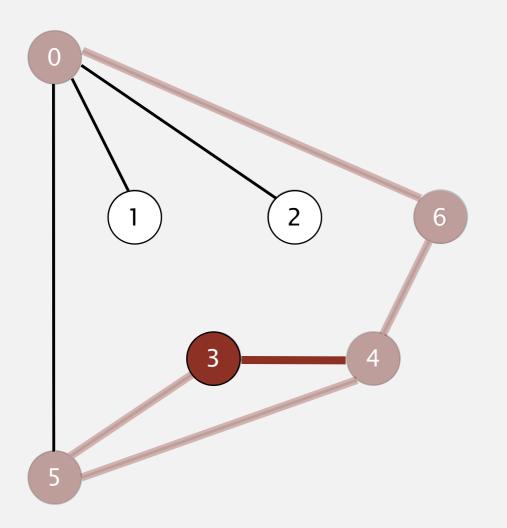


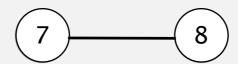


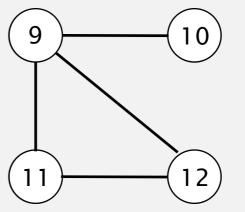
V	marked[]	id[]
0	Т	0
1	F	-
2	F	-
3	T	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	-
9	F	-
10	F	_
11	F	-
12	F	_

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.





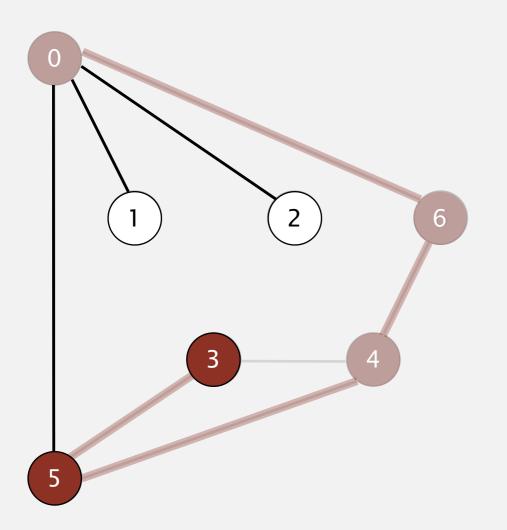


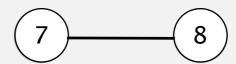
V	marked[]	id[]
0	Т	0
1	F	-
2	F	_
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	_
9	F	_
10	F	_
11	F	_
12	F	_

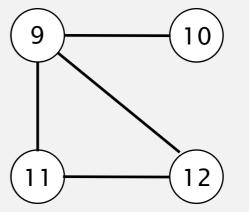
visit 3

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



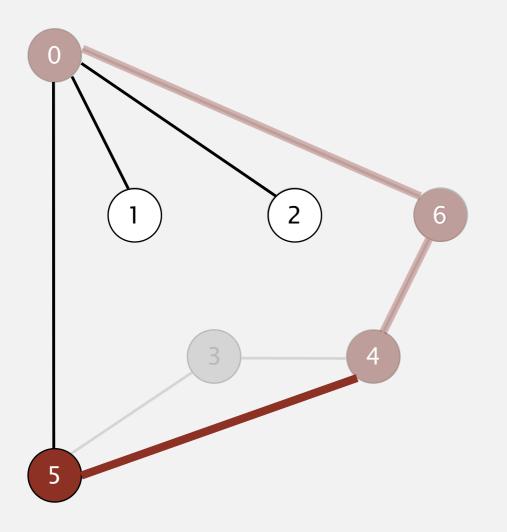




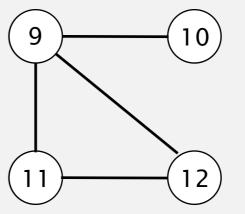
V	marked[]	id[]
0	Т	0
1	F	_
2	F	_
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	-
9	F	_
10	F	-
11	F	_
12	F	_

3 done

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

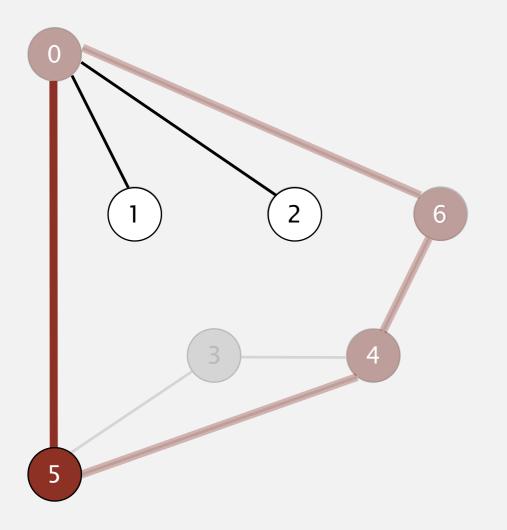




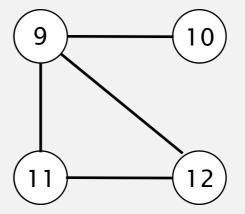


V	marked[]	id[]
0	Т	0
1	F	_
2	F	_
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	-
9	F	_
10	F	-
11	F	_
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



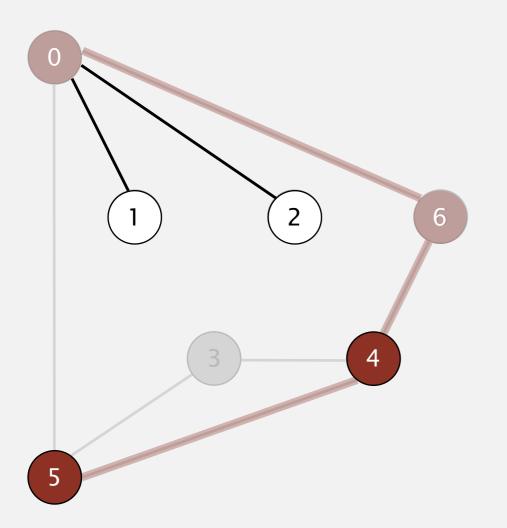




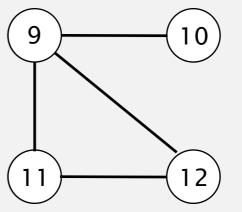
V	marked[]	id[]
0	Т	0
1	F	-
2	F	-
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	-
9	F	-
10	F	-
11	F	-
12	F	_

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



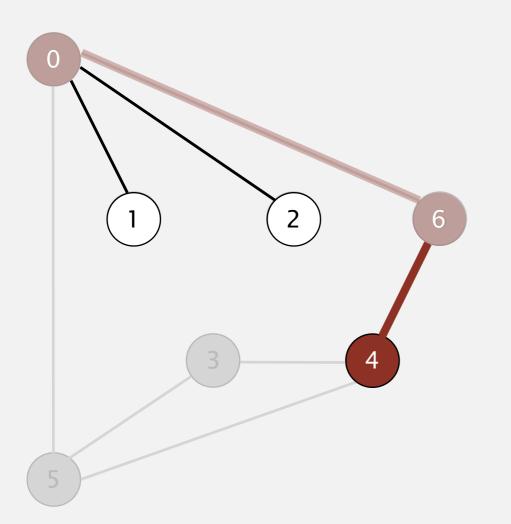


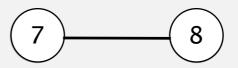


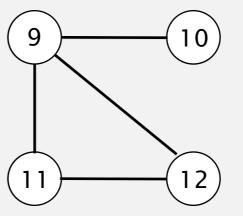
V	marked[]	ıa[]
0	Т	0
1	F	-
2	F	-
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	-
9	F	-
10	F	-
11	F	-
12	F	_

5 done

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

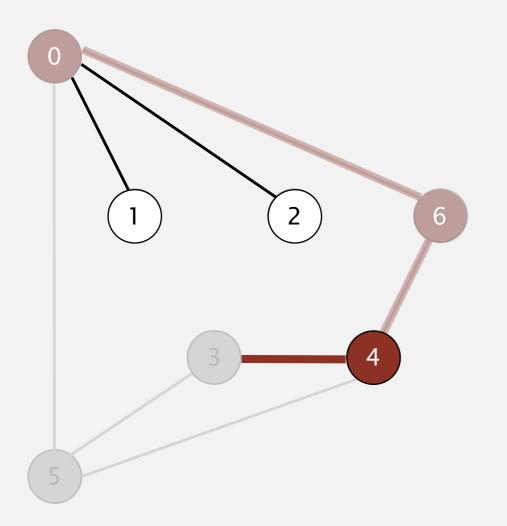


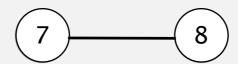


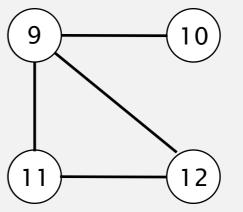


V	marked[]	idL
0	Т	0
1	F	-
2	F	_
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	_
9	F	_
10	F	_
11	F	_
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



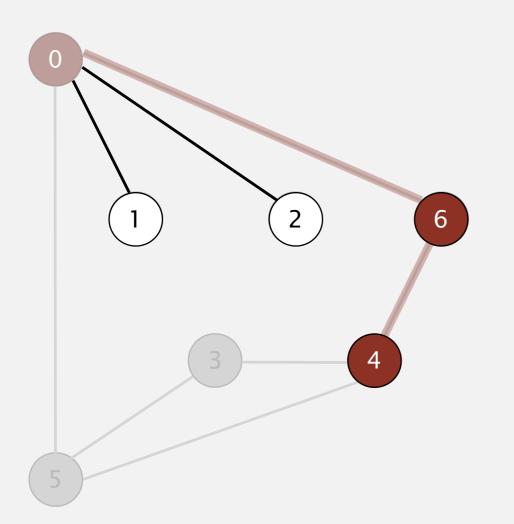


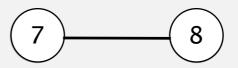


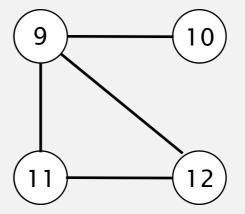
V	marked[]	idL
0	Т	0
1	F	-
2	F	_
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	_
9	F	_
10	F	_
11	F	_
12	F	_

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.





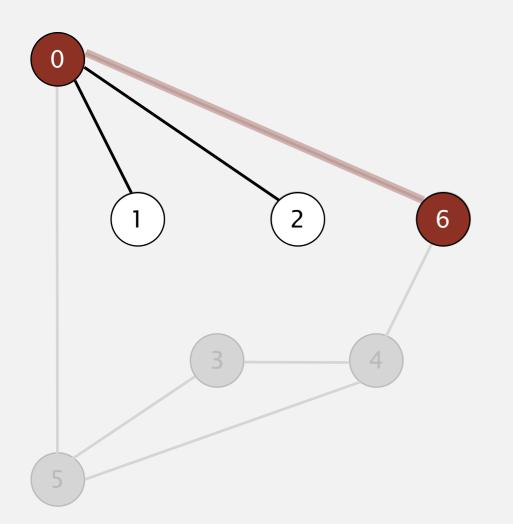


V	marked[]	ıa[]
0	Т	0
1	F	-
2	F	-
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	-
9	F	-
10	F	-
11	F	-
12	F	_

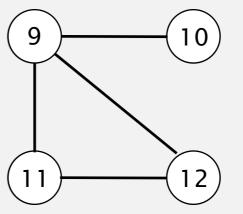
4 done

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



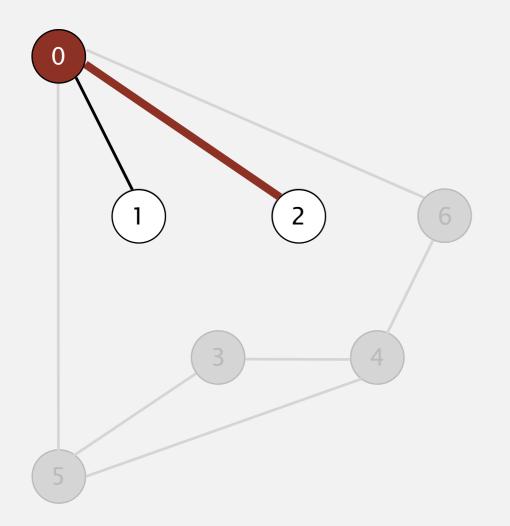




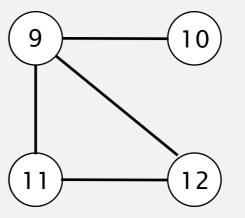
V	marked[]	ıd[]
0	Т	0
1	F	_
2	F	-
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	_
9	F	-
10	F	_
11	F	-
12	F	_

6 done

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

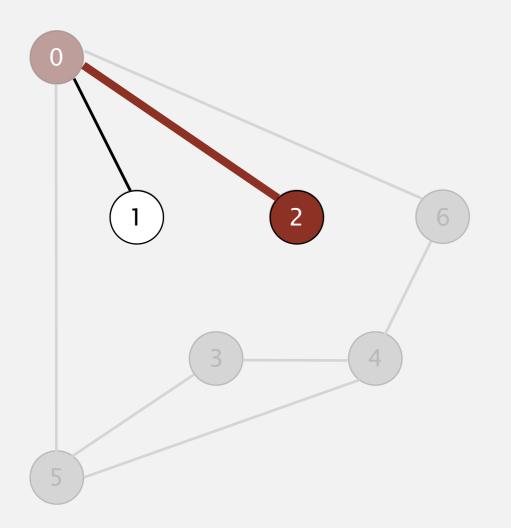




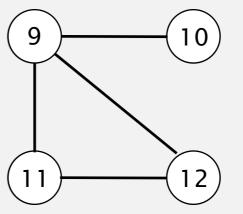


V	marked[]	id[]
0	Т	0
1	F	_
2	F	_
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	-
9	F	_
10	F	-
11	F	_
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

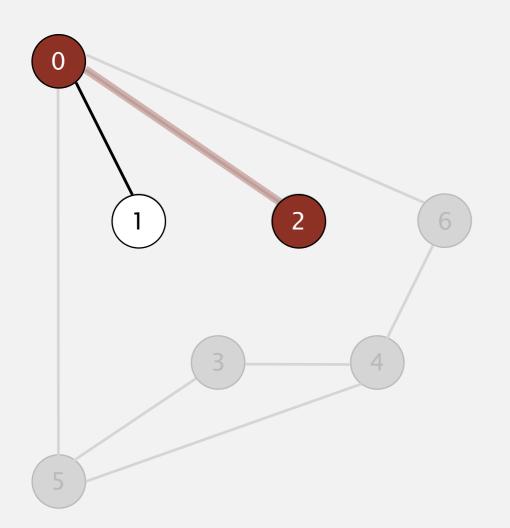


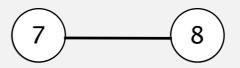


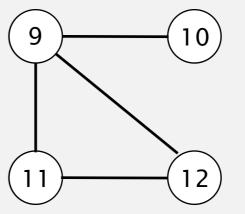


V	marked[]	id[]
0	Т	0
1	F	-
2	T	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	-
9	F	-
10	F	-
11	F	-
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

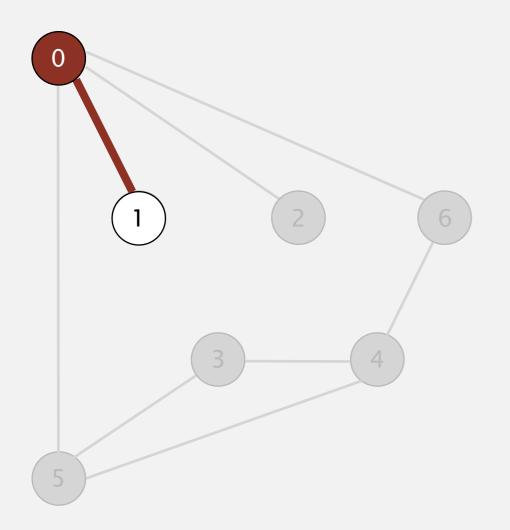


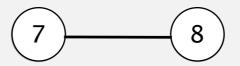


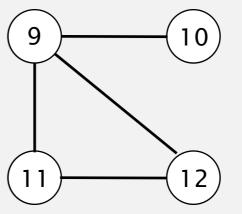


V	marked[]	id[]
0	Т	0
1	F	_
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	_
9	F	_
10	F	_
11	F	_
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

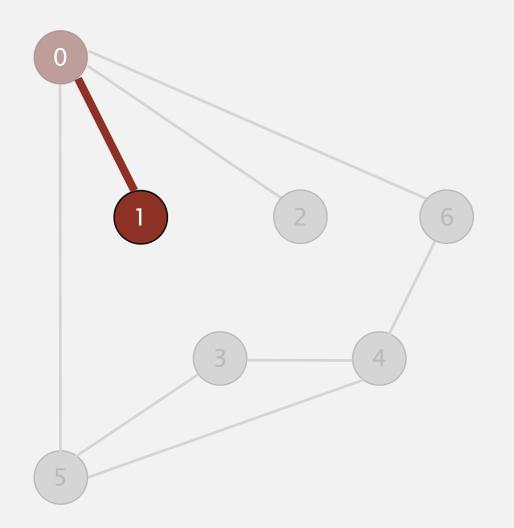


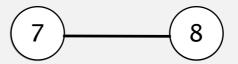


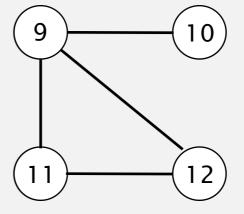


V	marked[]	id[]
0	Т	0
1	F	_
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	_
9	F	-
10	F	_
11	F	_
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



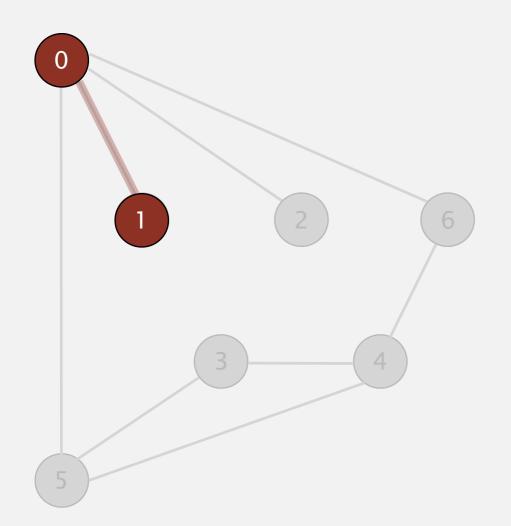


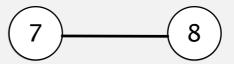


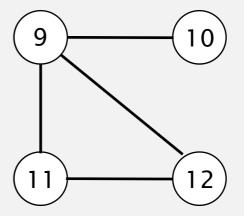
V	marked[]	id[]
0	Т	0
1	T	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	-
9	F	-
10	F	-
11	F	-
12	F	_

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.





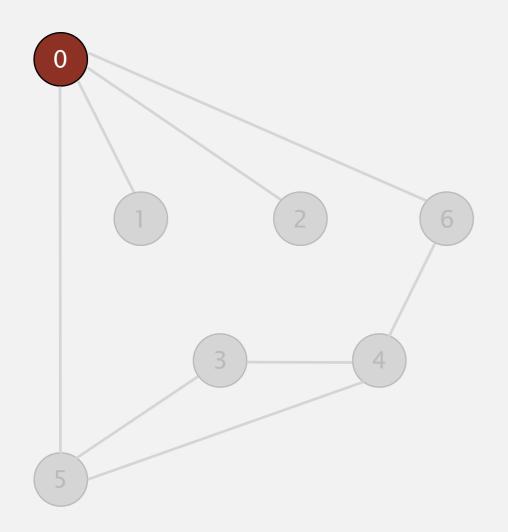


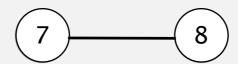
V	marked[]	ıd[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	_
8	F	_
9	F	_
10	F	_
11	F	_
12	F	_

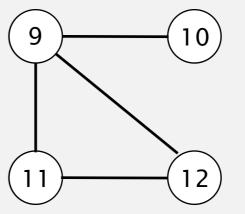
1 done

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



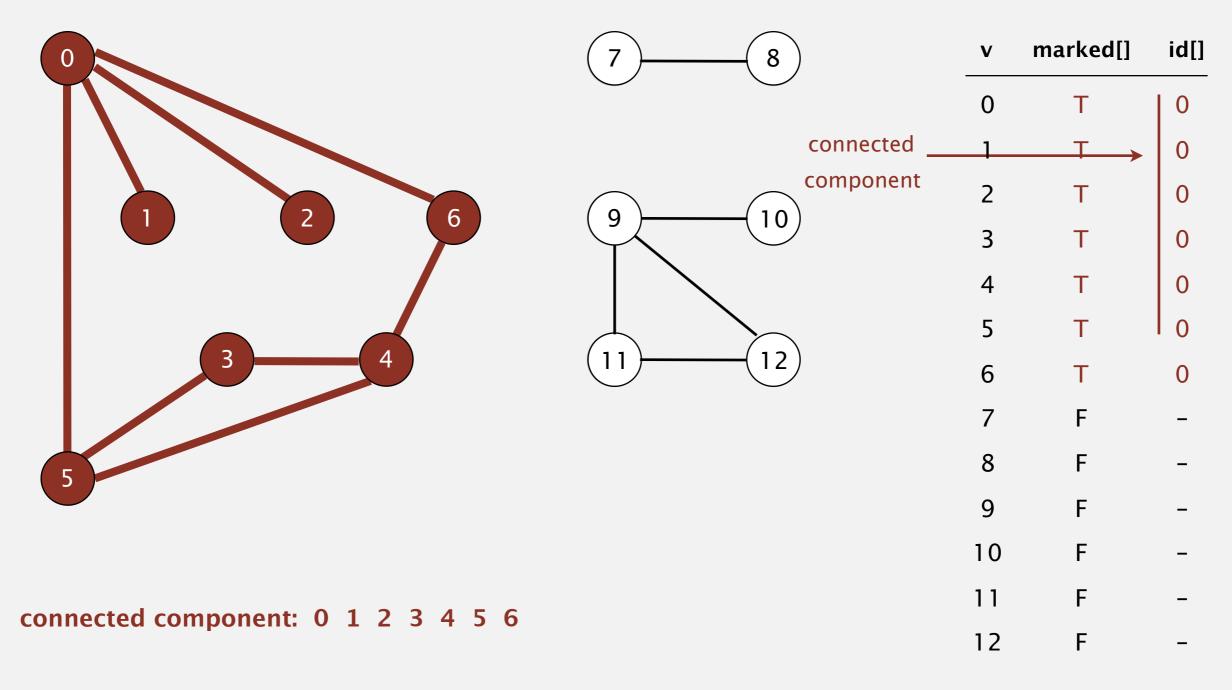




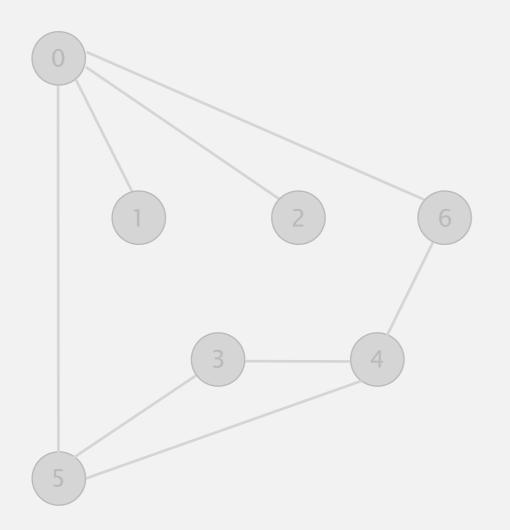
V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	_
9	F	_
10	F	-
11	F	_
12	F	_

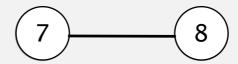
0 done

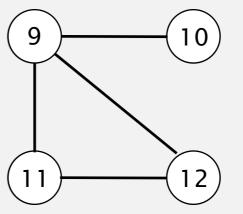
- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

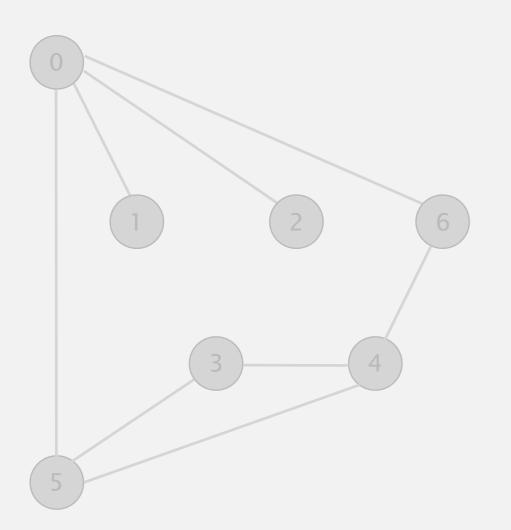




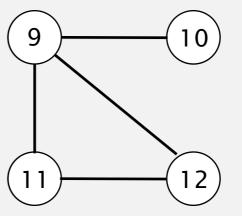


V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	F	-
8	F	-
9	F	_
10	F	-
11	F	_
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

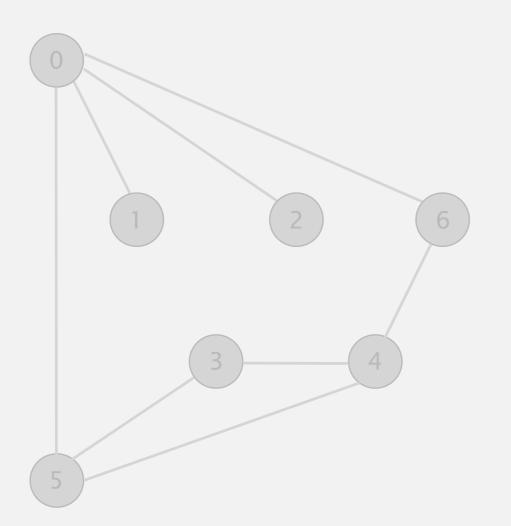




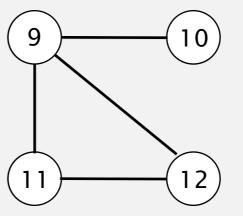


V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	T	1
8	F	_
9	F	-
10	F	_
11	F	-
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



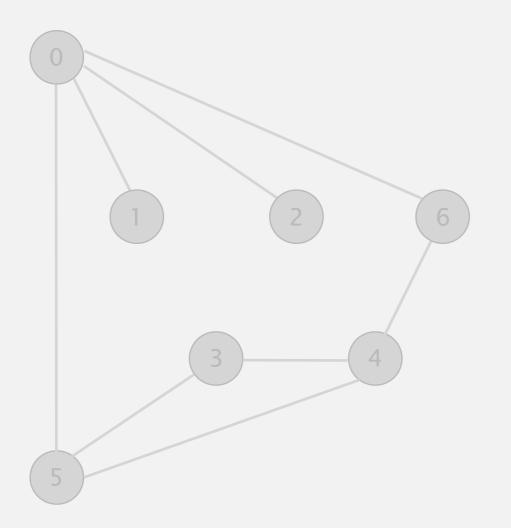




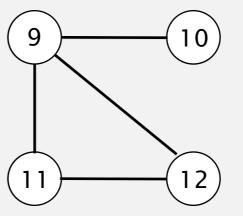
V	marked[]	ıa[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	T	1
9	F	_
10	F	_
11	F	_
12	F	_

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.





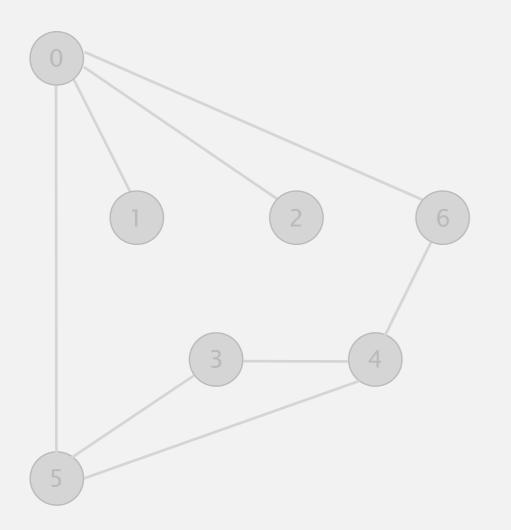


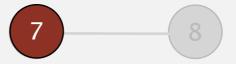
V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	F	-
10	F	-
11	F	-
12	F	_

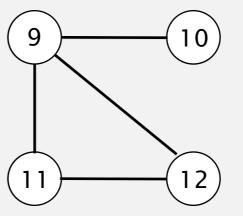
8 done

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.





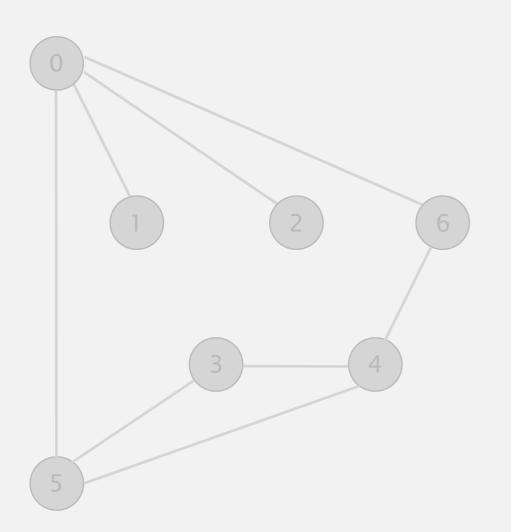


V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	F	-
10	F	-
11	F	_
12	F	_

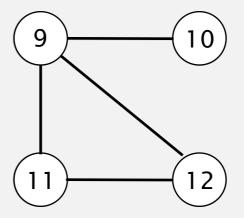
7 done

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.





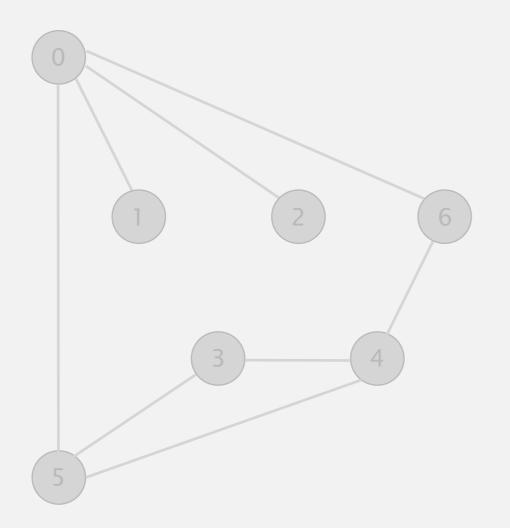


V	marked[]	Ia[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	F	-
10	F	_
11	F	_
12	F	_

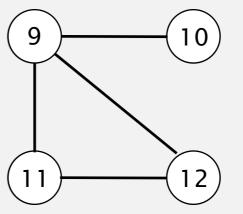
marked[]

Ilhi

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

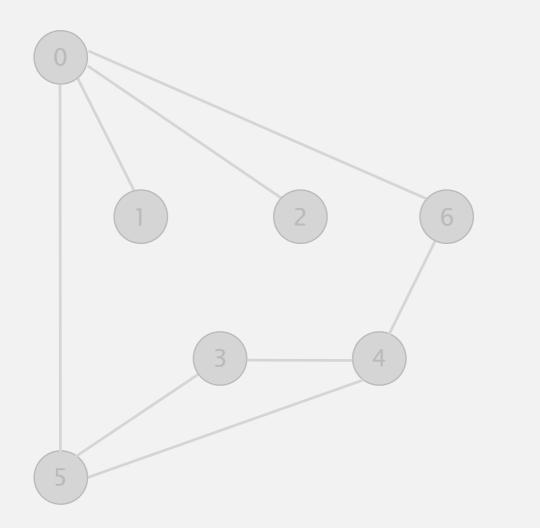


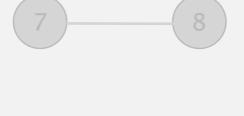


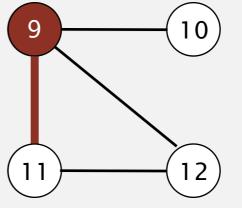


V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	F	-
10	F	_
11	F	-
12	F	_

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



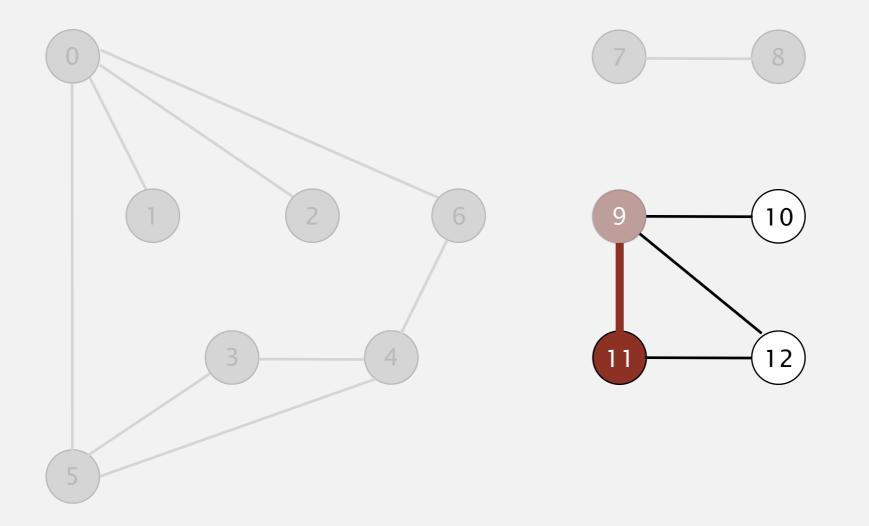




V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	T	2
10	F	_
11	F	_
12	F	_

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

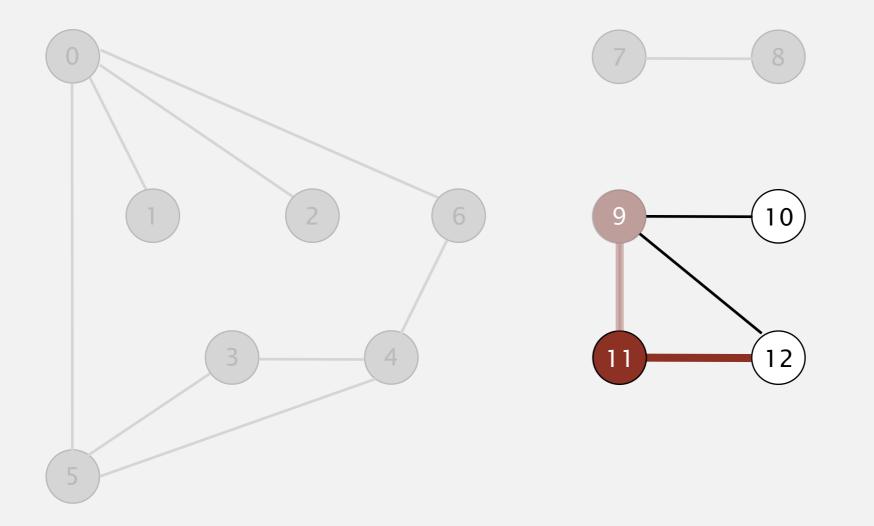


V	marked[]	1 a []
0	Т	0
1	Т	0
2	Т	0
3	Т	0
	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	F	-
11	T	2
12	F	_

marked[]

Ilhi

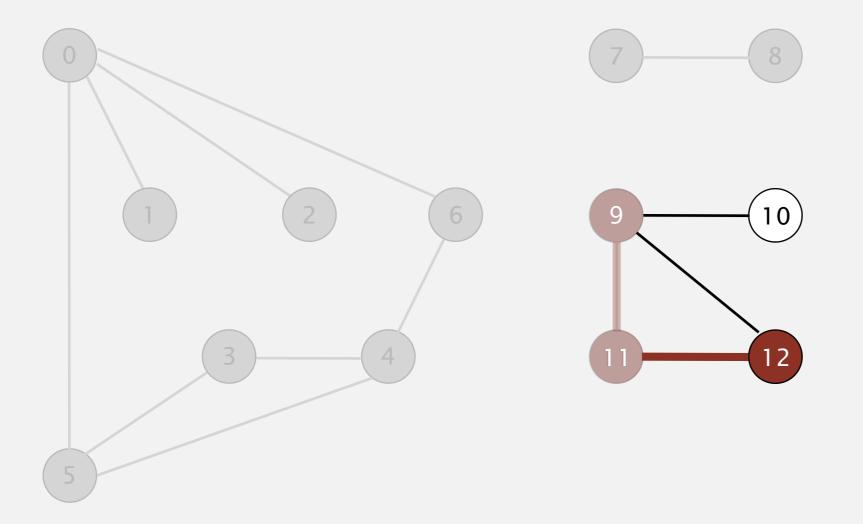
- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	F	-
11	Т	2
12	F	-

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

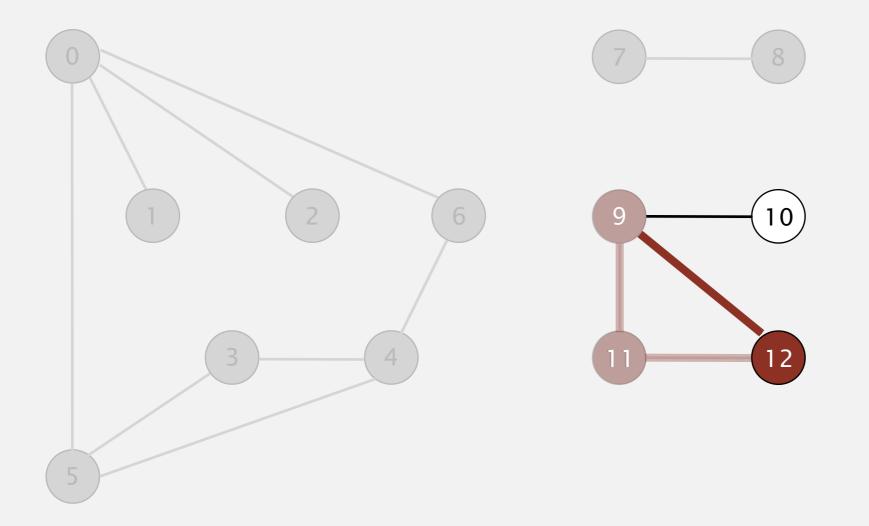


V	marked[]	ıa[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	F	-
11	Т	2
12	T	2

marked[]

Ilhi

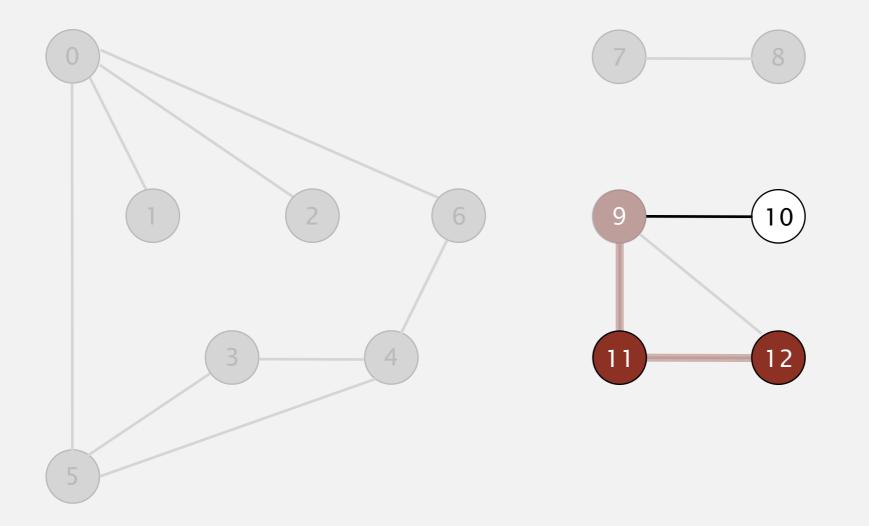
- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



V	marked[]	ıd[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	F	-
11	Т	2
12	Т	2

To visit a vertex *v*:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

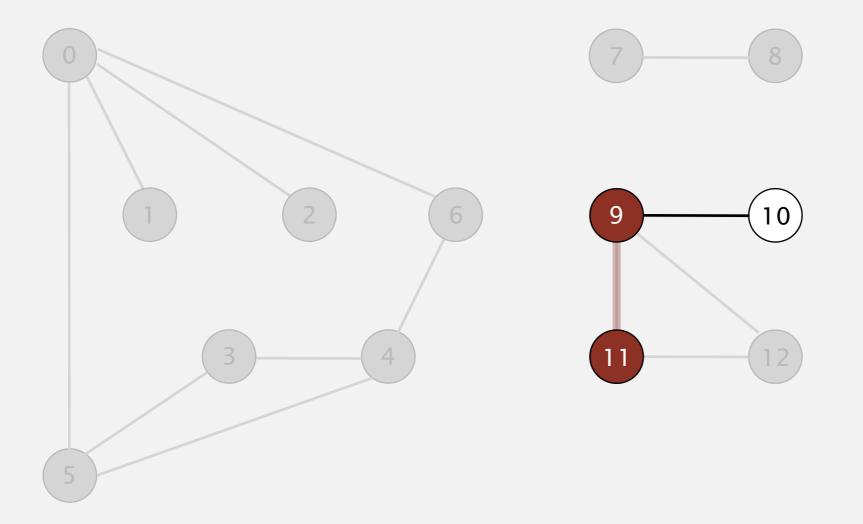


V	marked[]	ıa[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	F	-
11	Т	2
12	Т	2

marked[]

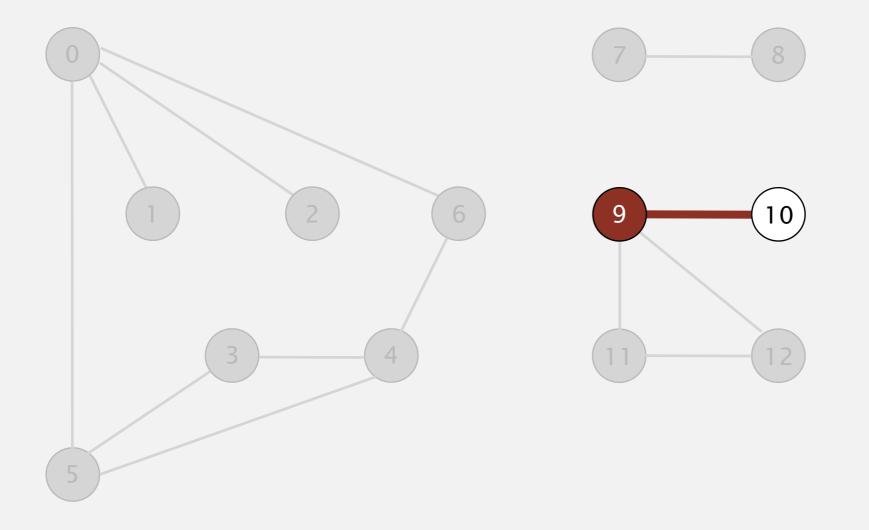
Ilhi

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



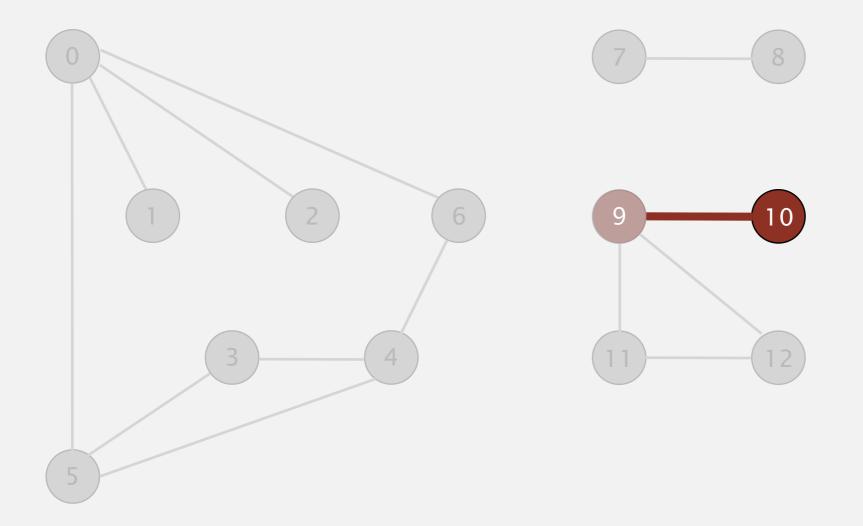
V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	F	-
11	Т	2
12	Т	2

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



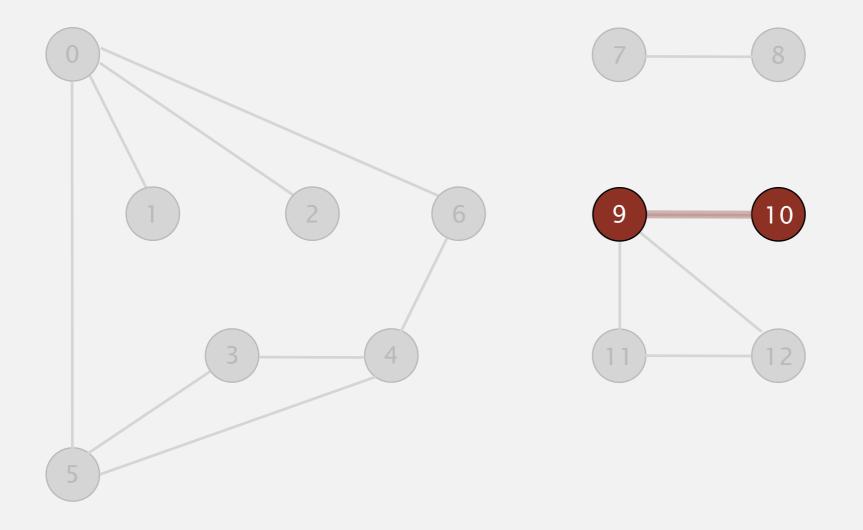
V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	F	-
11	Т	2
12	Т	2

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



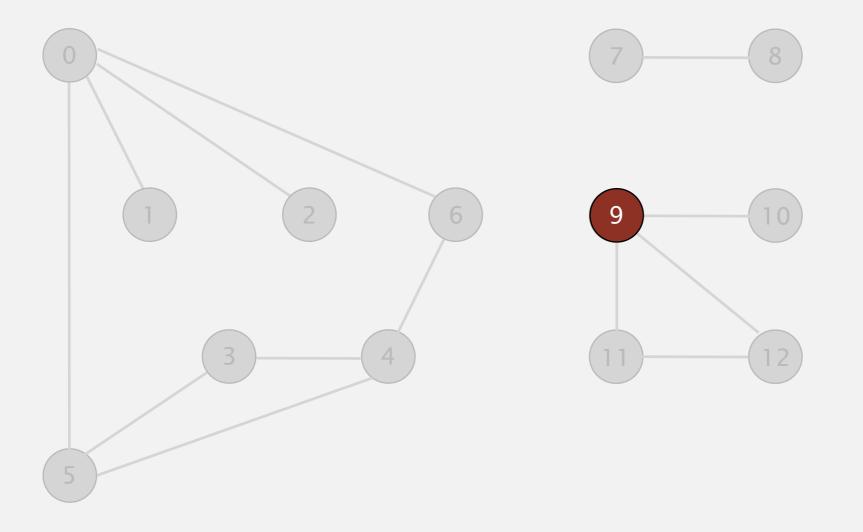
V	marked[]	id[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	T	2
11	Т	2
12	Т	2

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



V	marked[]	ıd[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	Т	2
11	Т	2
12	Т	2

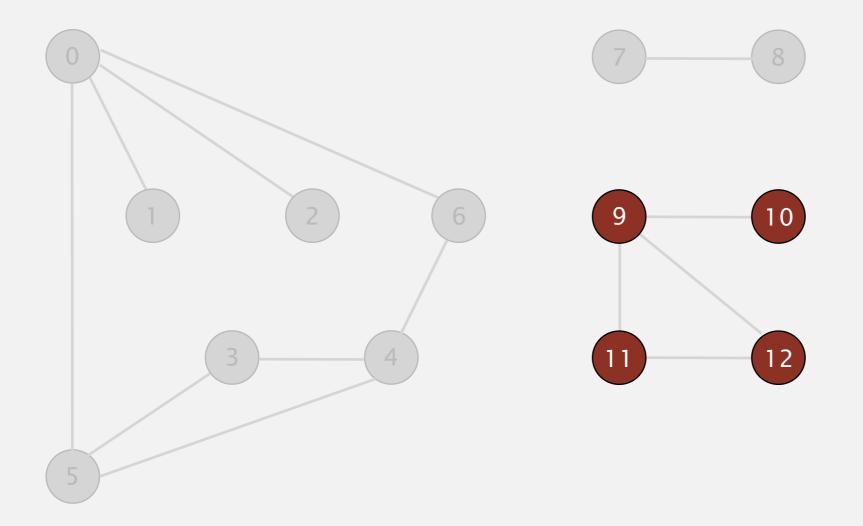
- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



V	marked[]	ıd[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	Т	2
11	Т	2
12	Т	2

To visit a vertex v:

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.

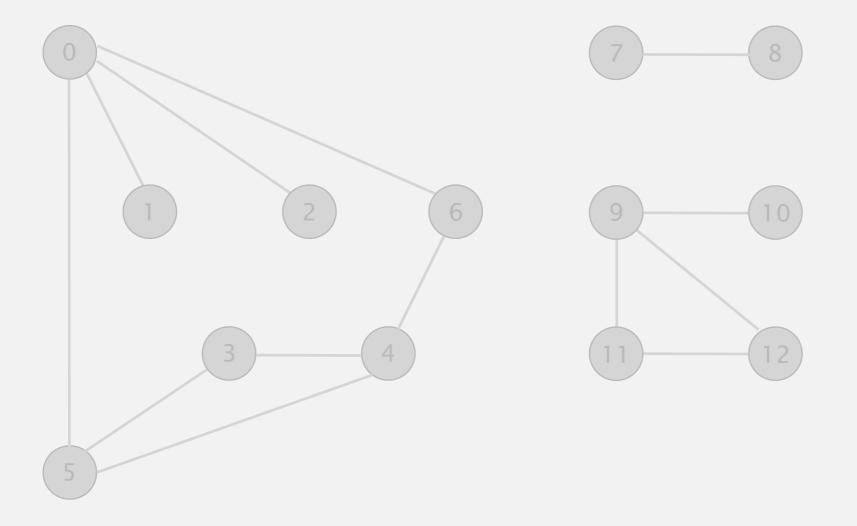


V	markeu[]	iu[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	Т	2
11	Т	2
12	Т	2

marked[]

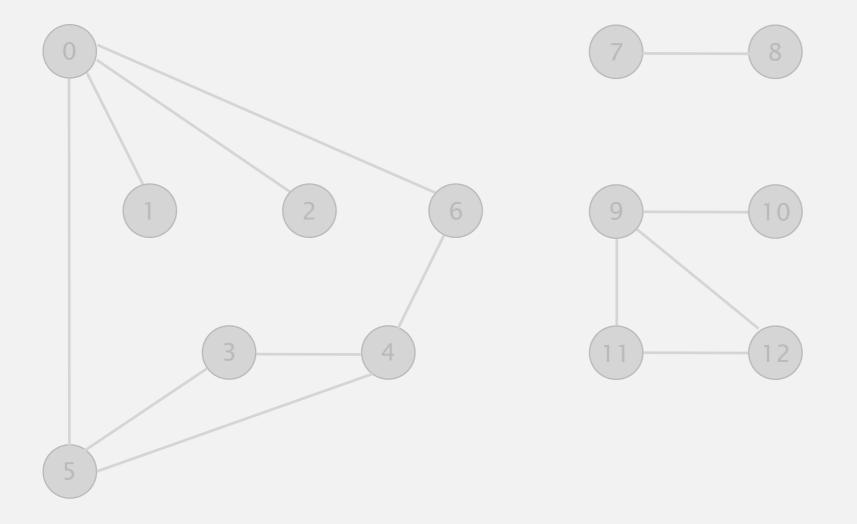
id[]

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



V	marked[]	ıd[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	Т	2
11	Т	2
12	Т	2

- Mark vertex v as visited.
- Recursively visit all unmarked vertices adjacent to v.



V	marked[]	ıd[]
0	Т	0
1	Т	0
2	Т	0
3	Т	0
4	Т	0
5	Т	0
6	Т	0
7	Т	1
8	Т	1
9	Т	2
10	Т	2
11	Т	2
12	Т	2