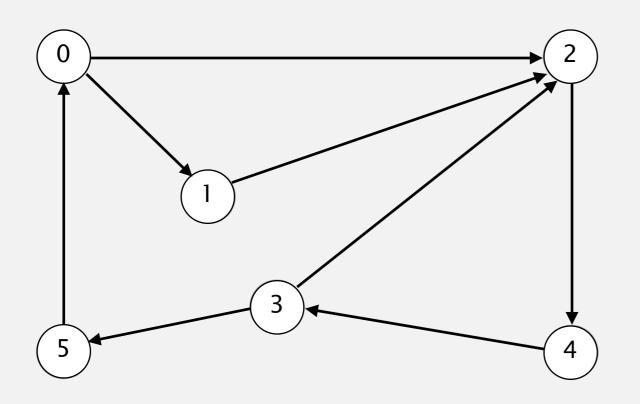
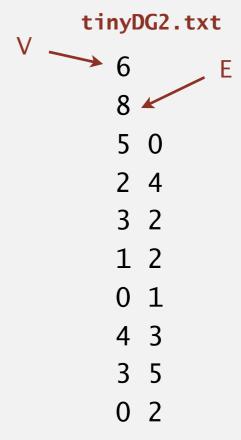


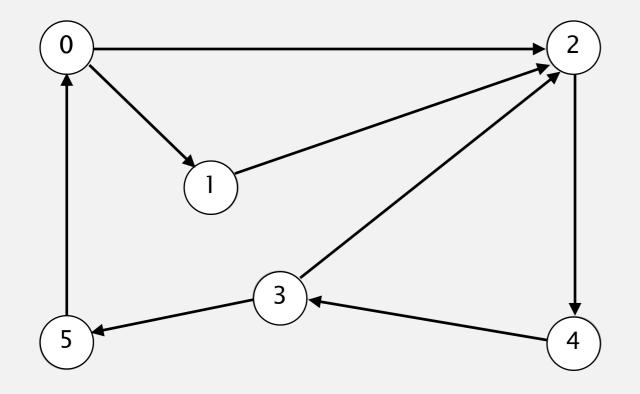
- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.





Repeat until queue is empty:

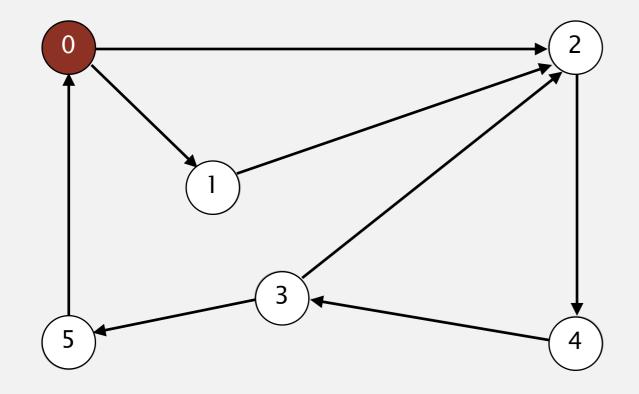
- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



V	edgeTo[]	distTo[]
0	_	0
1	_	_
2	_	_
3	_	_
4	_	_
5	_	_

queue

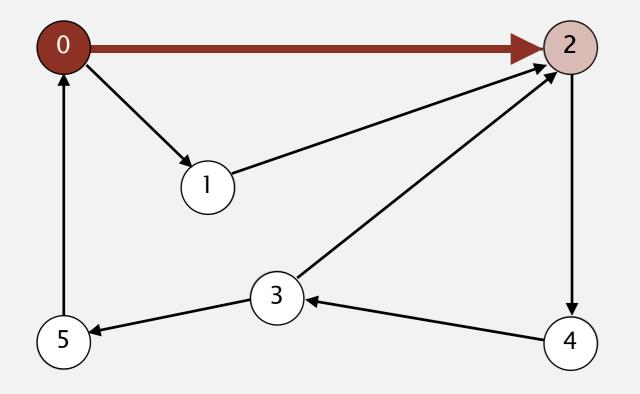
- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



ueue	V	edgeTo[]	distTo[]
	0	-	0
	1	_	_
	2	_	_
	3	_	_
	4	_	_
	5	_	_
0			

Repeat until queue is empty:

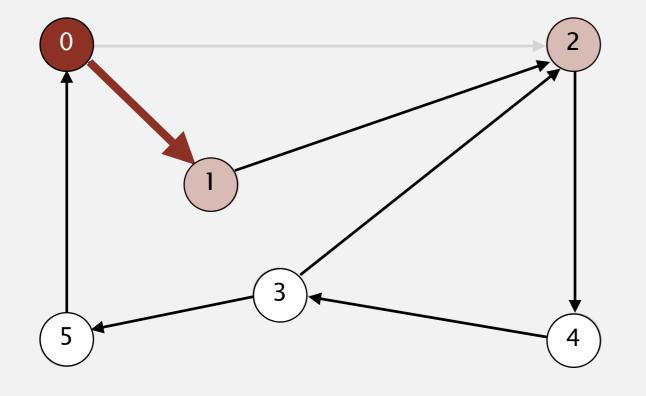
- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



V	edgeTo[]	distTo[]
0	_	0
1	_	_
2	0	1
3	_	_
4	_	_
5	_	_

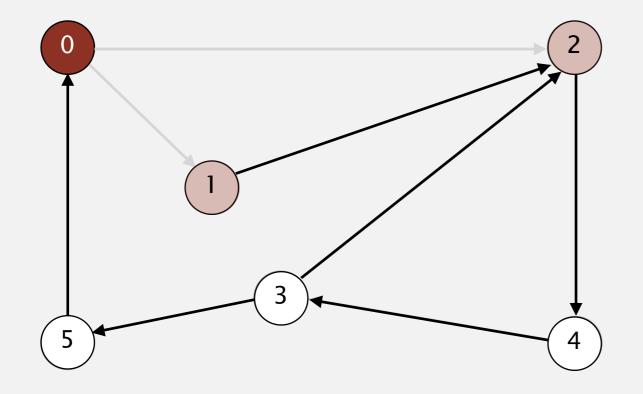
queue

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



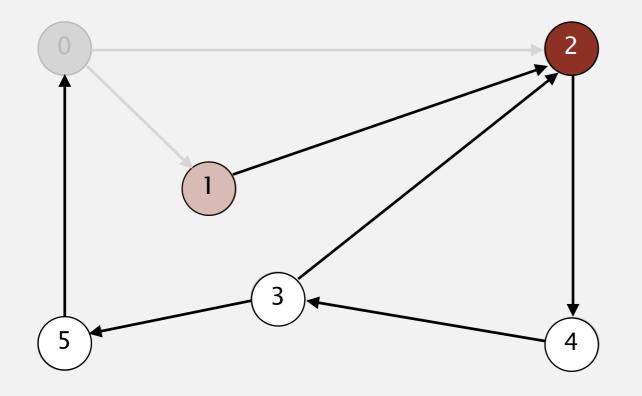
queue	. <b>v</b>	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	_	_
	4	_	_
	5	_	_
2			

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



queue	V	edgeTo[]	distTo[]
	0	-	0
	1	0	1
	2	0	1
	3	_	_
	4	_	_
1	5	-	_
2			

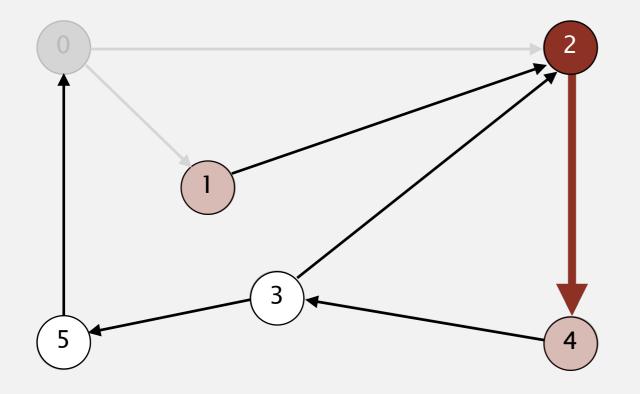
- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



queue	V	edgeTo[]	distTo[]
	0	-	0
	1	0	1
	2	0	1
	3	_	_
	4	_	_
1	5	_	_
2			

Repeat until queue is empty:

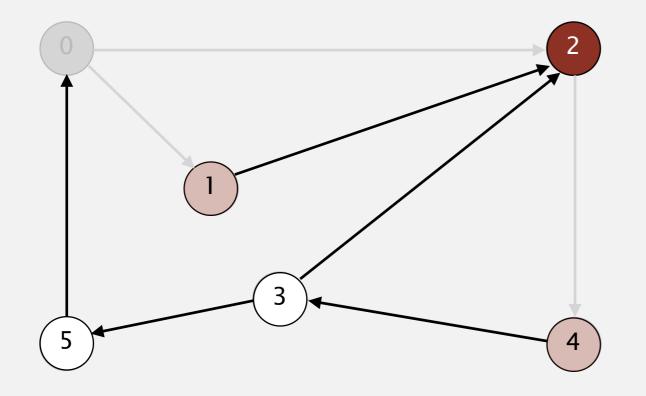
- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



ueue	V	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	_	_
	4	2	2
	5	_	_
1			

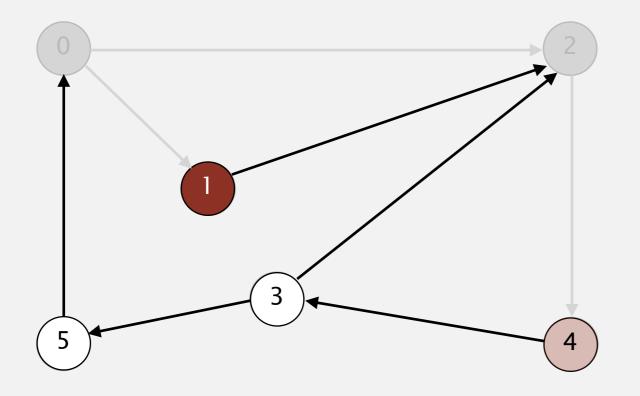
dequeue 2: check 4

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



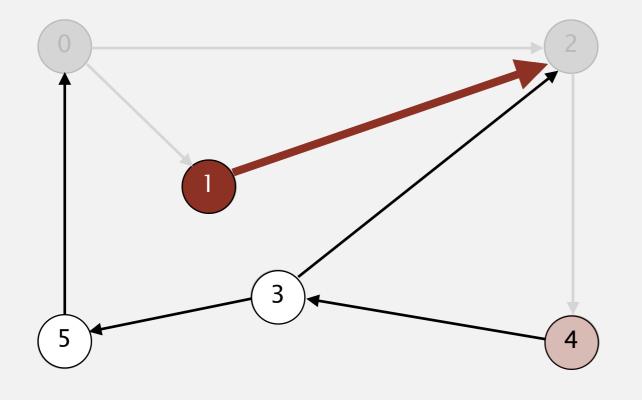
queue	V	edgeT	o[] distT	o[]
	0	_	0	
	1	0	1	
	2	0	1	
	3	_	_	
	4	. 2	2	
4	5	_	-	
1				

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



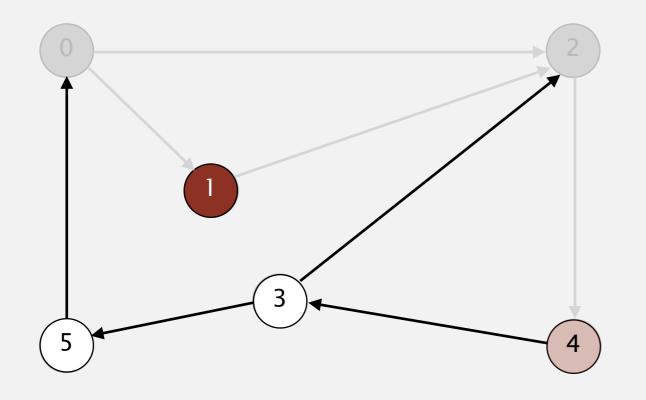
queue	V	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	_	_
	4	2	2
4	5	-	_
1			

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



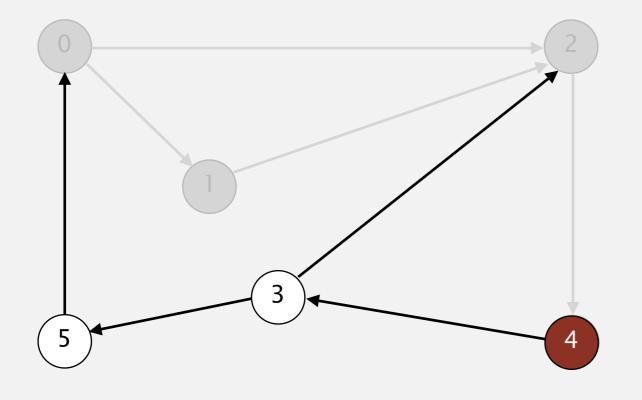
ueue		v	edgeTo[]	distTo[]
	•	0	-	0
		1	0	1
		2	0	1
		3	_	_
		4	2	2
		5	_	_
4				

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



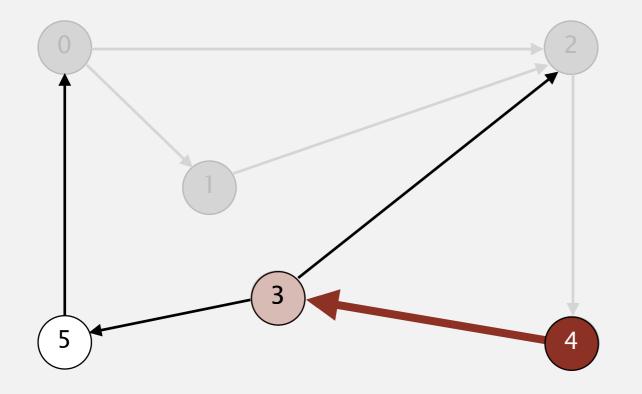
queue		V	edgeTo[]	distTo[]
	,	0	-	0
		1	0	1
		2	0	1
		3	_	_
		4	2	2
		5	_	_
4				

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



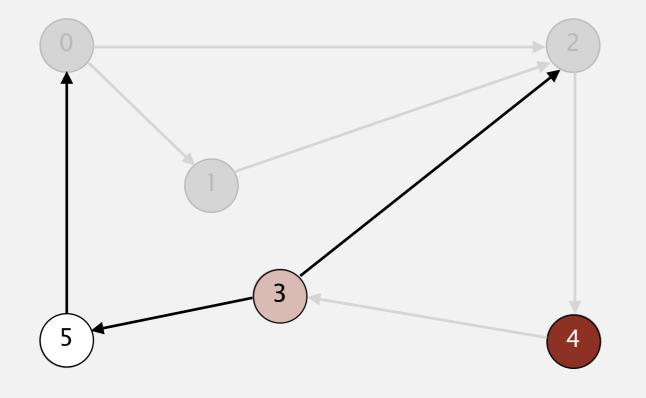
queue	}	V	edgeTo[]	distTo[]
		0	-	0
		1	0	1
		2	0	1
		3	_	_
		4	2	2
		5	_	_
4				

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



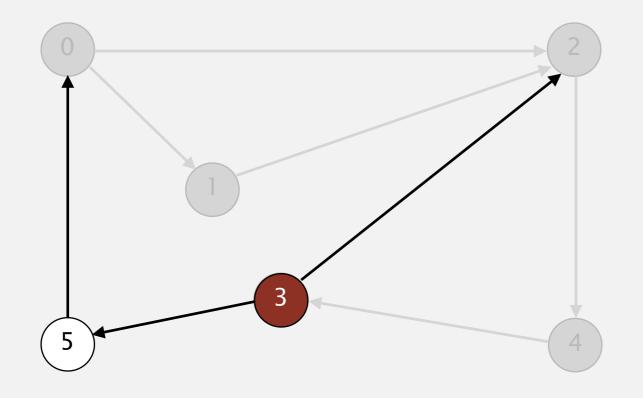
ueue	v	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	4	3
	4	2	2
	5	_	_

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



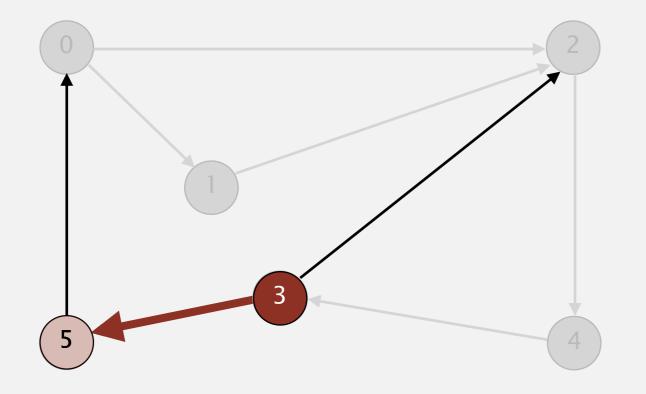
queue	. <b>v</b>	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	4	3
	4	2	2
	5	_	_
3			

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



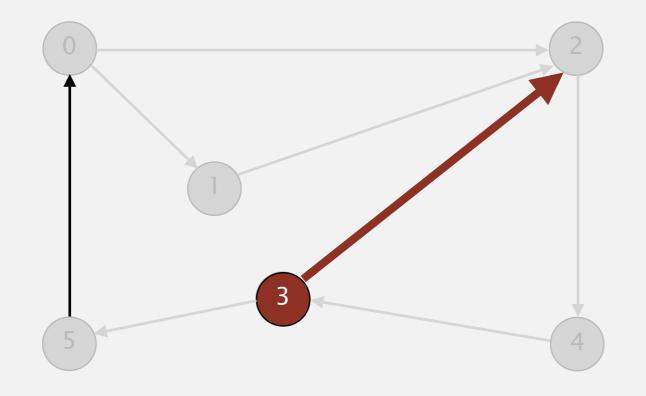
queue	V	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	4	3
	4	2	2
	5	_	_
3			

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



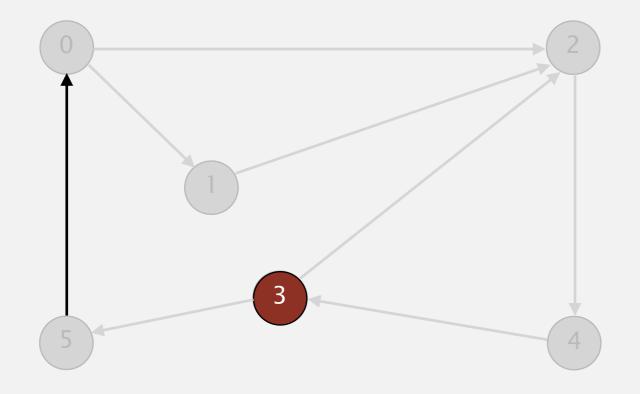
ueue	V	edgeTo[]	distTo[]
	0	-	0
	1	0	1
	2	0	1
	3	4	3
	4	2	2
	5	3	4

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



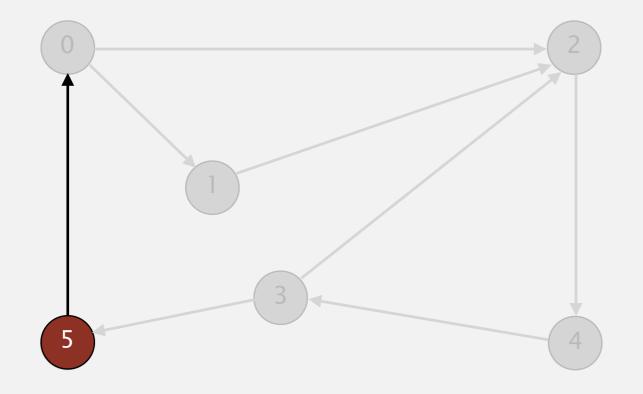
queue	V	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	4	3
	4	2	2
	5	3	4
5			

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



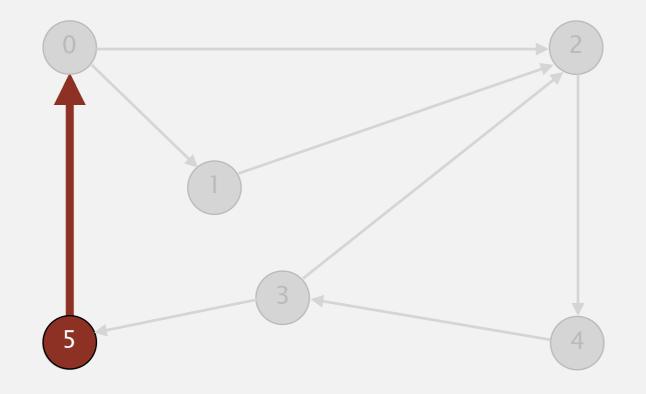
queue		′	edgeTo[]	distTo[]
	C	)	_	0
	1		0	1
	2	<u>-</u>	0	1
	3	3	4	3
	2	1	2	2
	5	5	3	4
5				

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



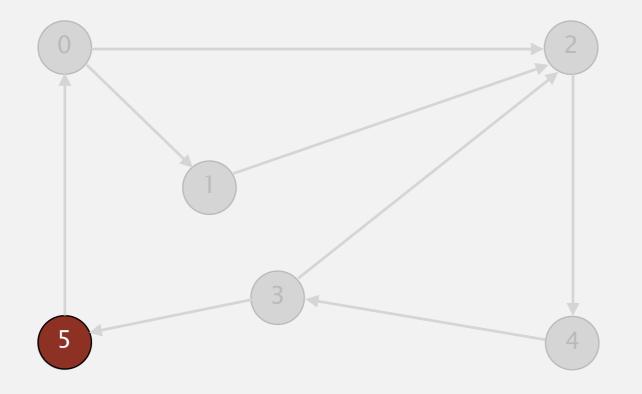
queue	v	edgeT	o[] distTo	<b>ɔ</b> []
	0	_	0	
	1	0	1	
	2	0	1	
	3	4	3	
	4	2	2	
	5	3	4	
5				

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



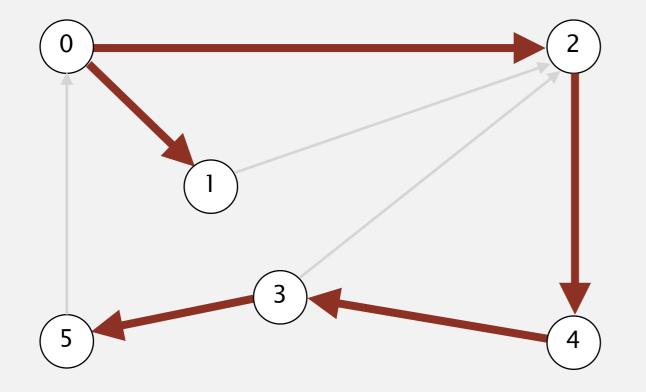
queue	v	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	4	3
	4	2	2
	5	3	4

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



queue	V	edgeTo[]	distTo[]
	0	_	0
	1	0	1
	2	0	1
	3	4	3
	4	2	2
	5	3	4

- Remove vertex *v* from queue.
- Add to queue all unmarked vertices pointing from v and mark them.



V	edgeTo[]	distTo
0	_	0
1	0	1
2	0	1
3	4	3
4	2	2
5	3	4