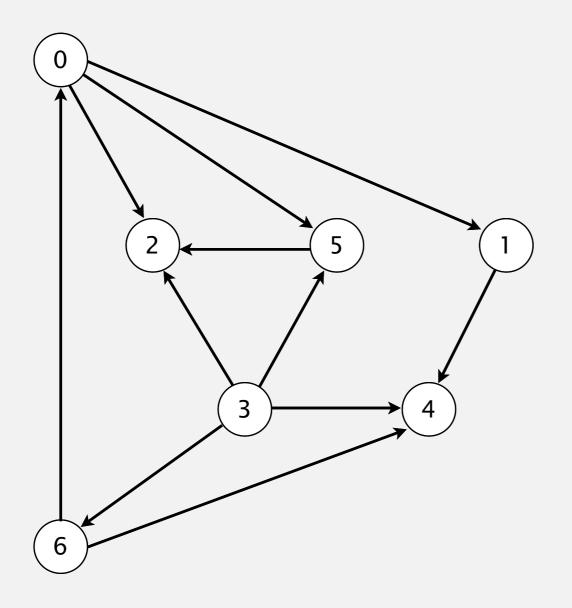


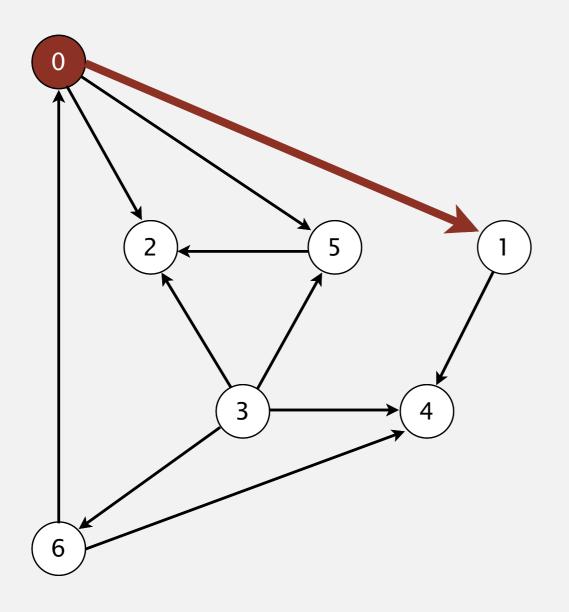
- Run depth-first search.
- Return vertices in reverse postorder.



#### tinyDAG7.txt

a directed acyclic graph

- Run depth-first search.
- Return vertices in reverse postorder.



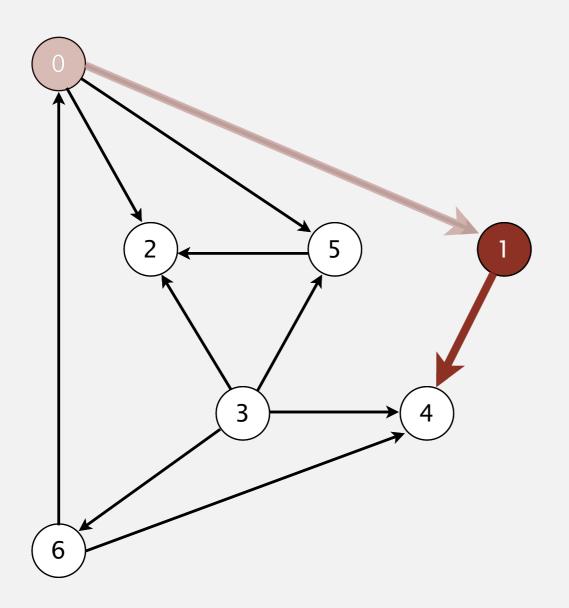
postorder

	markeu[]
0	Т
1	F
2	F
3	F
4	F
5	F
6	F

marked[]

visit 0: check 1, check 2, and check 5

- Run depth-first search.
- Return vertices in reverse postorder.



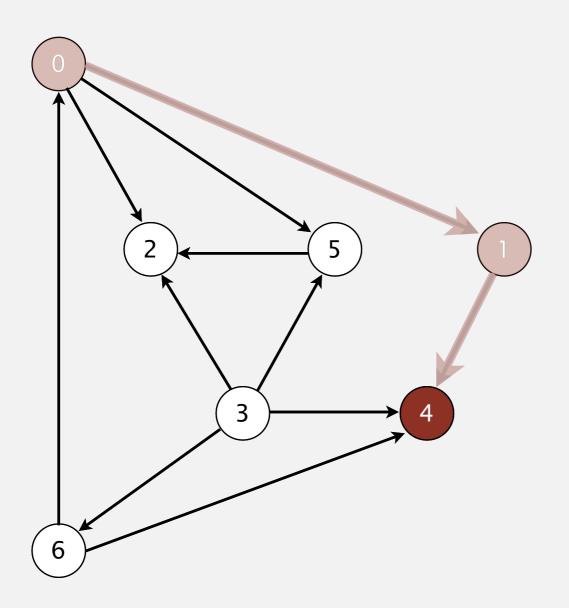
postorder

	markeu[]
0	Т
1	Т
2	F
3	F
4	F
5	F
6	F

Markadll

visit 1: check 4

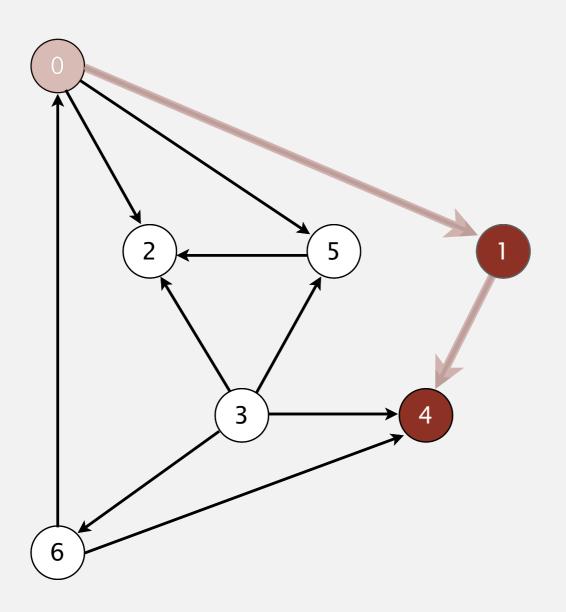
- Run depth-first search.
- Return vertices in reverse postorder.



### postorder

V	marked[]
0	Т
1	Т
2	F
3	F
4	Т
5	F
6	F

- Run depth-first search.
- Return vertices in reverse postorder.



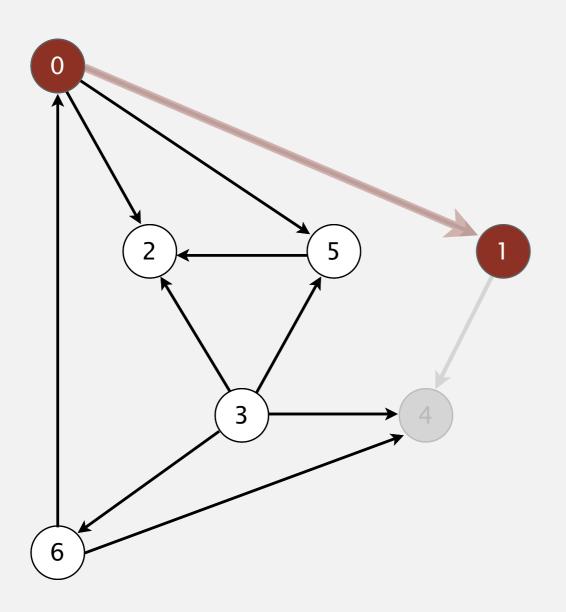
### postorder

4

V	marked[]
0	Т
1	Т
2	F
3	F
4	Т
5	F
6	F

4 done

- Run depth-first search.
- Return vertices in reverse postorder.



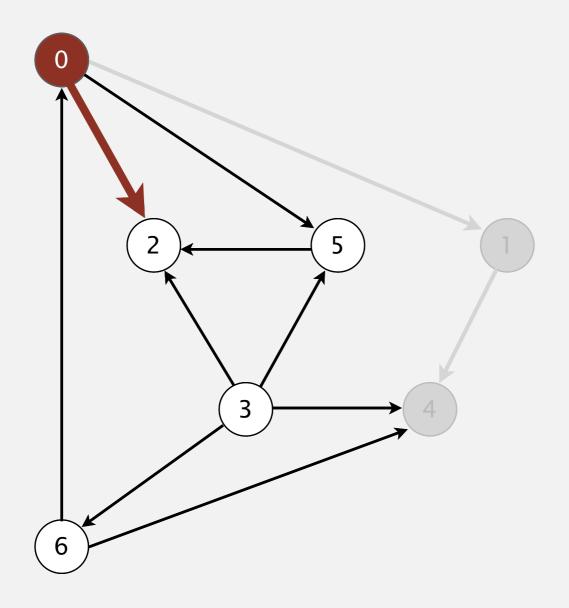
### postorder

4 1

V	marked[]
0	Т
1	Т
2	F
3	F
4	Т
5	F
6	F

#### 1 done

- Run depth-first search.
- Return vertices in reverse postorder.



#### postorder

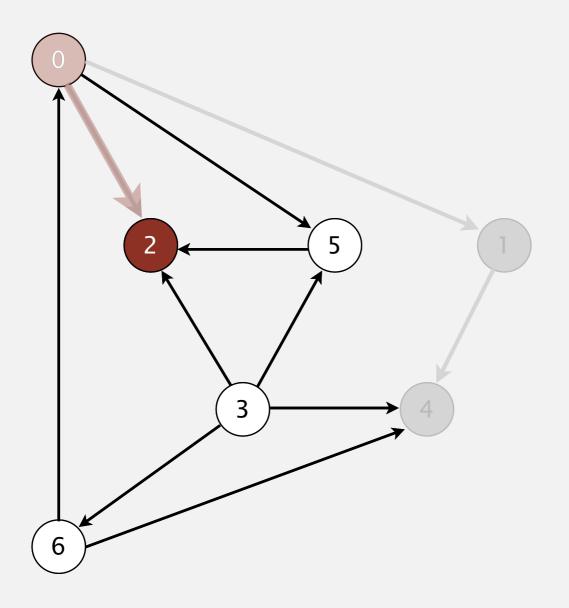
4 1

	markeu[]
0	Т
1	Т
2	F
3	F
4	Т
5	F
6	F

marked[]

visit 0: check 1, check 2, and check 5

- Run depth-first search.
- Return vertices in reverse postorder.

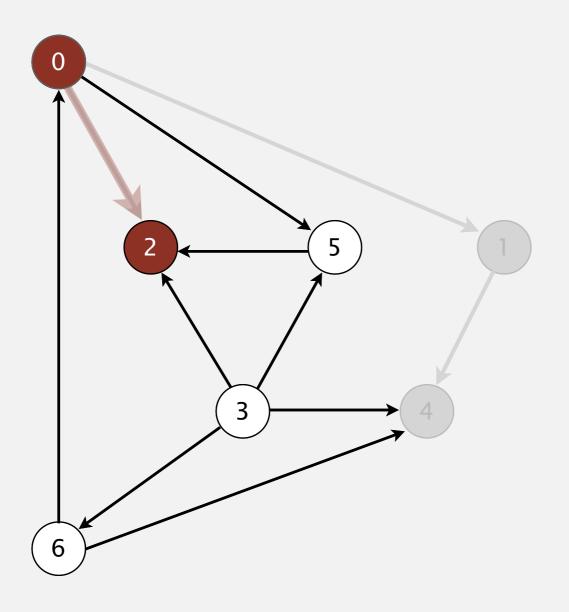


### postorder

4 1

V	marked[]
0	Т
1	Т
2	Т
3	F
4	Т
5	F
6	F

- Run depth-first search.
- Return vertices in reverse postorder.



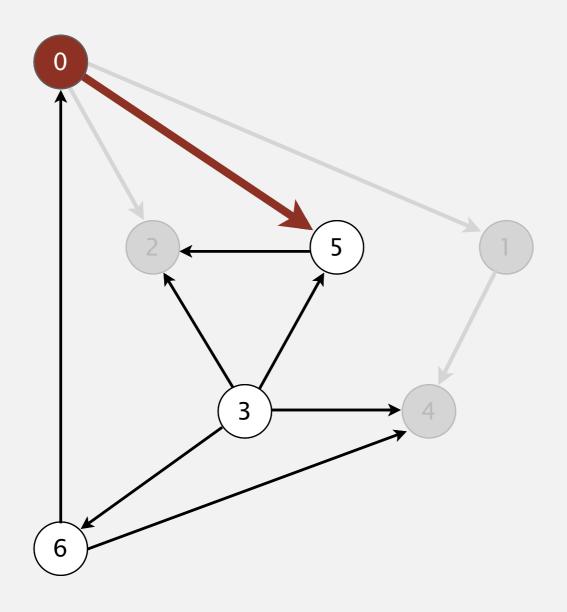
### postorder

412

V	markeu[]
0	Т
1	Т
2	Т
3	F
4	Т
5	F
6	F

markad[]

- Run depth-first search.
- Return vertices in reverse postorder.



#### postorder

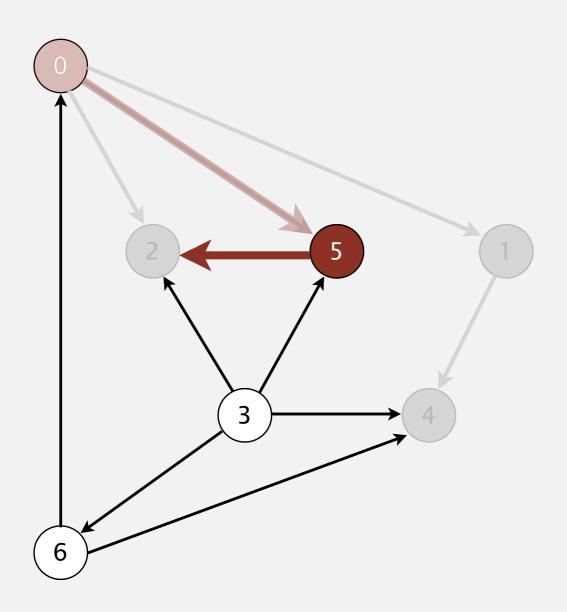
4 1 2

V	markeu[]
0	Т
1	Т
2	Т
3	F
4	Т
5	F
6	F

markad[]

visit 0: check 1, check 2, and check 5

- Run depth-first search.
- Return vertices in reverse postorder.



### postorder

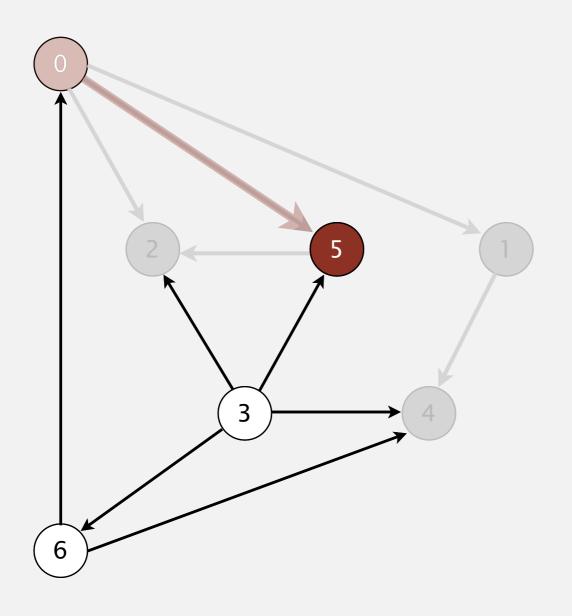
412

	markeu[]
0	Т
1	Т
2	Т
3	F
4	Т
5	Т
6	F

markad[]

visit 5: check 2

- Run depth-first search.
- Return vertices in reverse postorder.

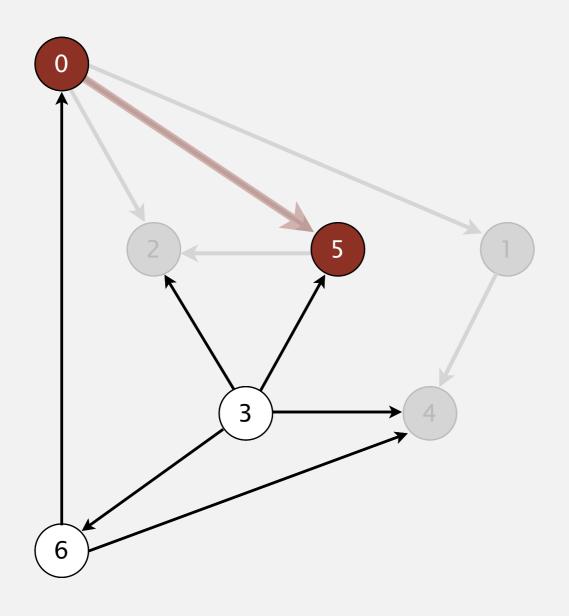


### postorder

412

V	marked[]
0	Т
1	Т
2	Т
3	F
4	Т
5	Т
6	F

- Run depth-first search.
- Return vertices in reverse postorder.

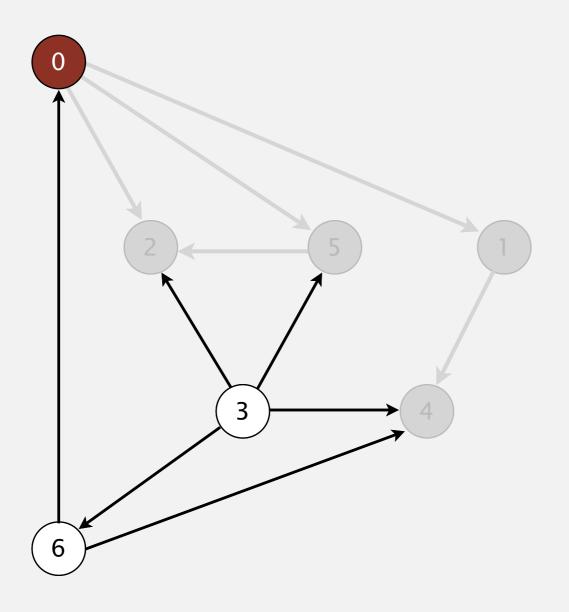


### postorder

4 1 2 5

V	marked[]
0	Т
1	Т
2	Т
3	F
4	Т
5	Т
6	F

- Run depth-first search.
- Return vertices in reverse postorder.



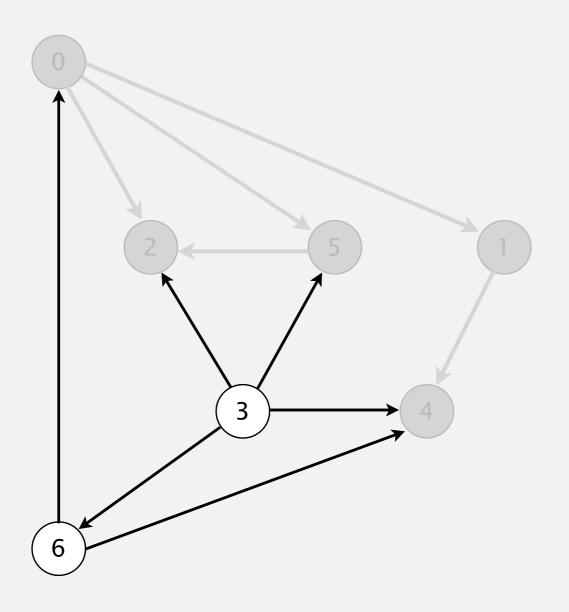
### postorder

4 1 2 5 0

V	marked[]
0	Т
1	Т
2	Т
3	F
4	Т
5	Т
6	F

0 done

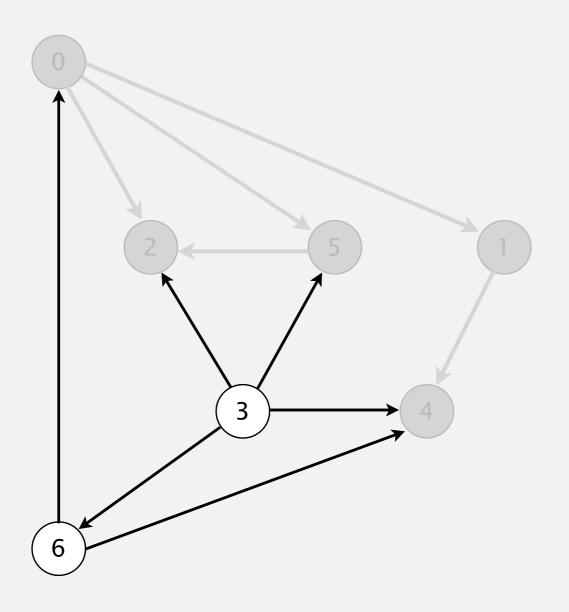
- Run depth-first search.
- Return vertices in reverse postorder.



### postorder

V	marked[]
0	Т
1	Т
2	Т
3	F
4	Т
5	Т
6	F

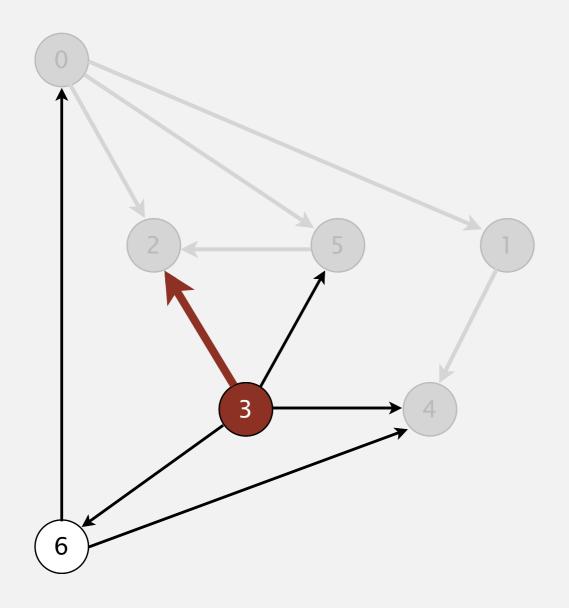
- Run depth-first search.
- Return vertices in reverse postorder.



### postorder

V	marked[]
0	Т
1	Т
2	Т
3	F
4	Т
5	Т
6	F

- Run depth-first search.
- Return vertices in reverse postorder.

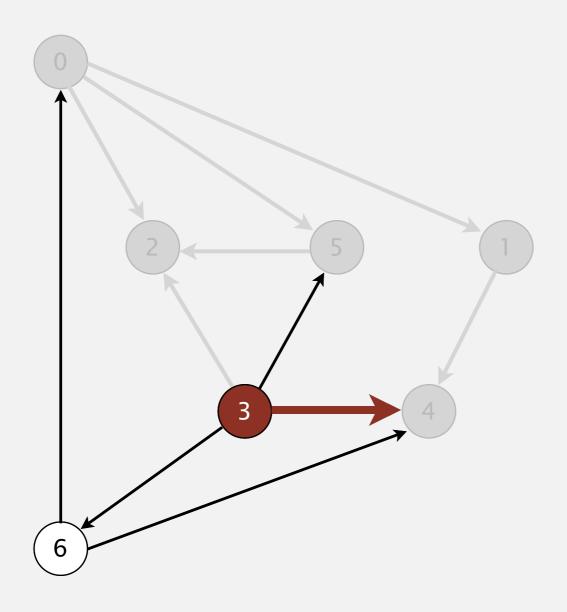


#### postorder

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	F

visit 3: check 2, check 4, check 5, and check 6

- Run depth-first search.
- Return vertices in reverse postorder.

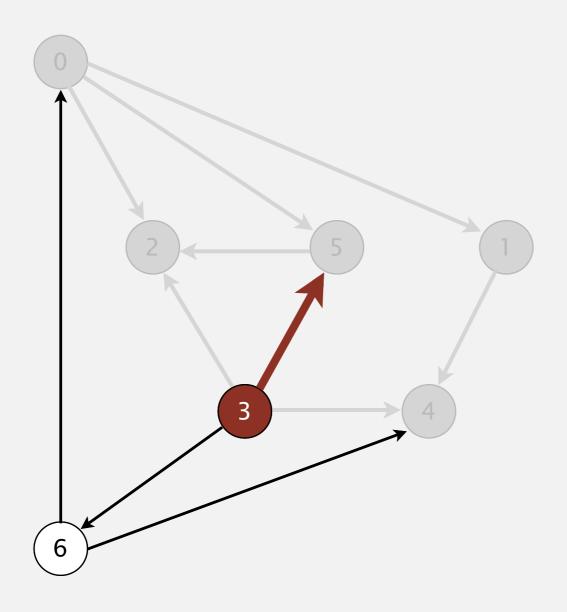


#### postorder

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	F

visit 3: check 2, check 4, check 5, and check 6

- Run depth-first search.
- Return vertices in reverse postorder.

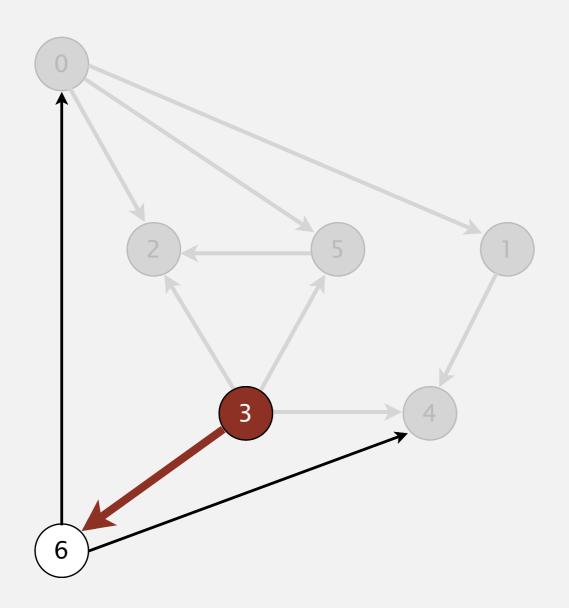


#### postorder

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	F

visit 3: check 2, check 4, check 5, and check 6

- Run depth-first search.
- Return vertices in reverse postorder.

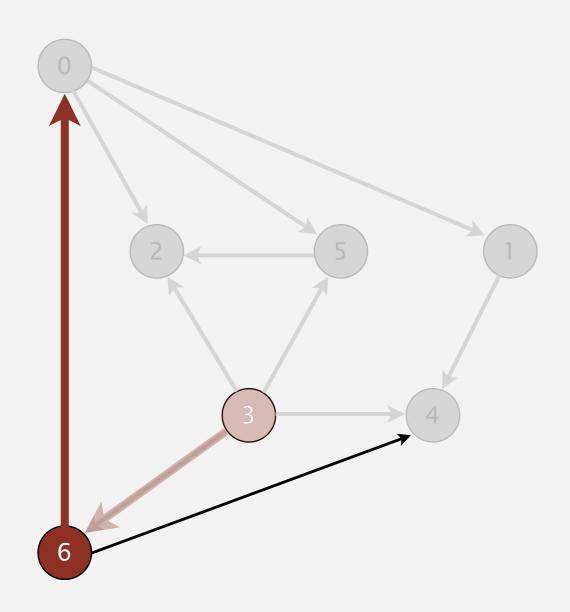


#### postorder

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	F

visit 3: check 2, check 4, check 5, and check 6

- Run depth-first search.
- Return vertices in reverse postorder.

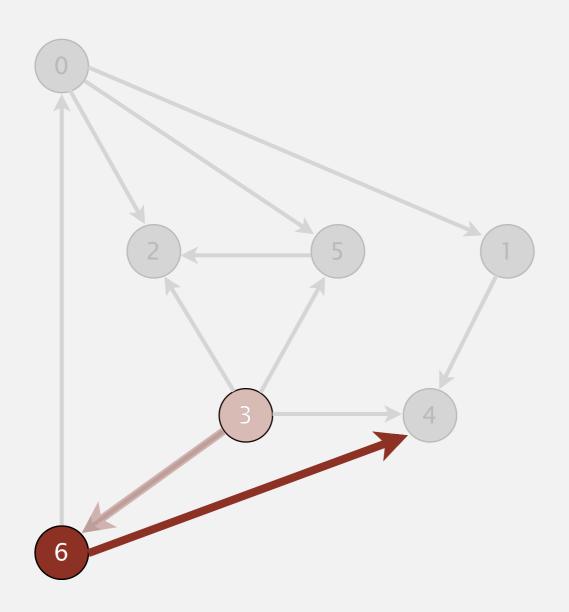


#### postorder

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	Т

visit 6: check 0 and check 4

- Run depth-first search.
- Return vertices in reverse postorder.

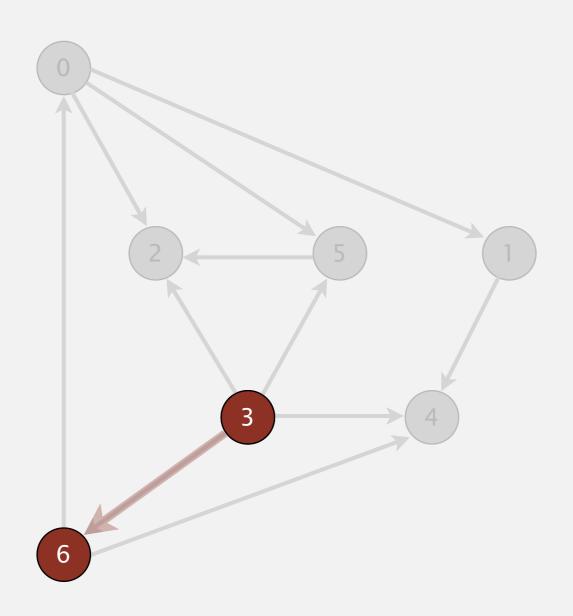


#### postorder

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	Т

visit 6: check 0 and check 4

- Run depth-first search.
- Return vertices in reverse postorder.



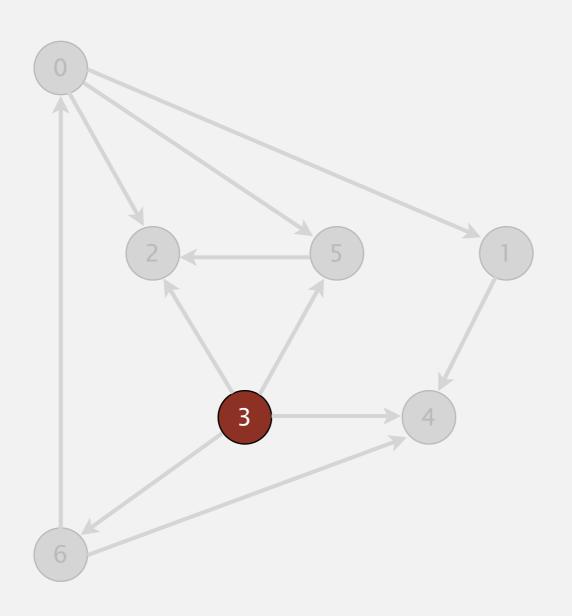
### postorder

4 1 2 5 0 6

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	Т

6 done

- Run depth-first search.
- Return vertices in reverse postorder.



### postorder

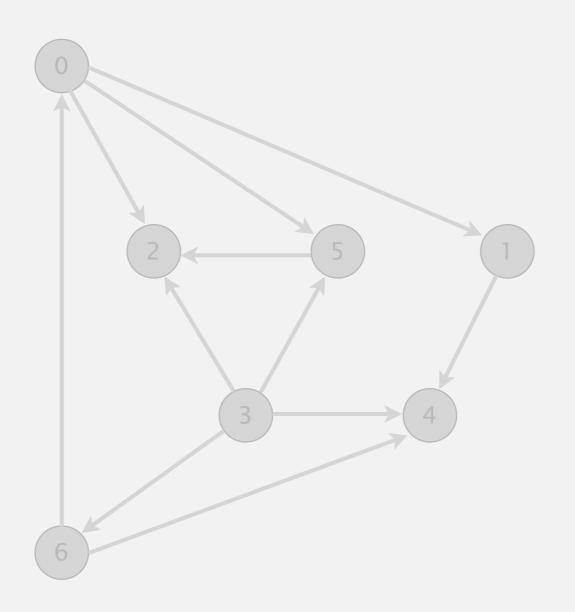
4 1 2 5 0 6 3

	markeu[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	Т

markad[]

3 done

- Run depth-first search.
- Return vertices in reverse postorder.

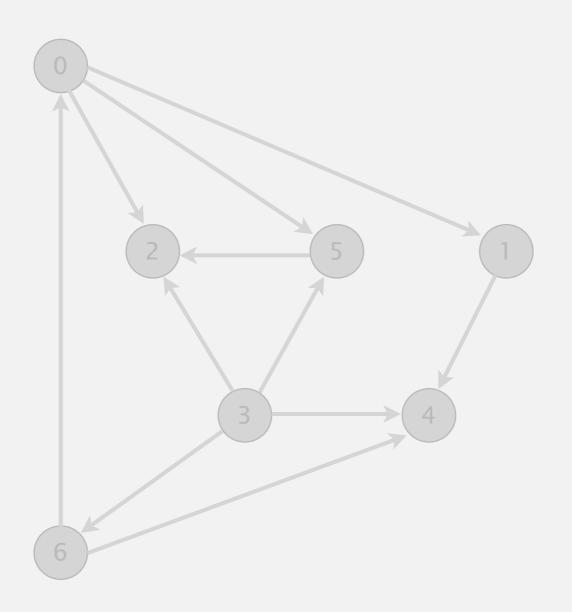


### postorder

4 1 2 5 0 6 3

V	marked[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	Т

- Run depth-first search.
- Return vertices in reverse postorder.



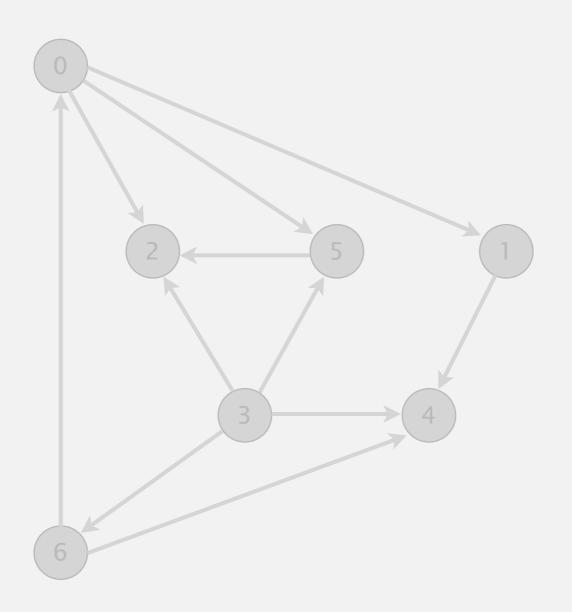
#### postorder

4 1 2 5 0 6 3

V	markeu[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	Т

Markadll

- Run depth-first search.
- Return vertices in reverse postorder.



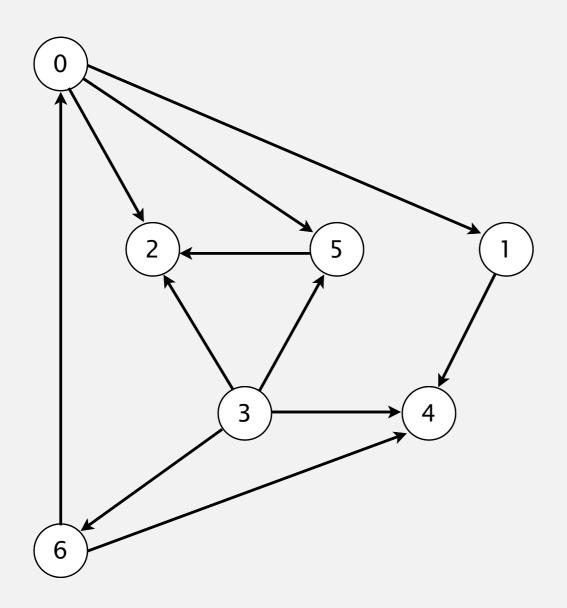
### postorder

4 1 2 5 0 6 3

	markeu[]
0	Т
1	Т
2	Т
3	Т
4	Т
5	Т
6	Т

markad[]

- Run depth-first search.
- Return vertices in reverse postorder.



### postorder

4 1 2 5 0 6 3

### topological order

3 6 0 5 2 1 4