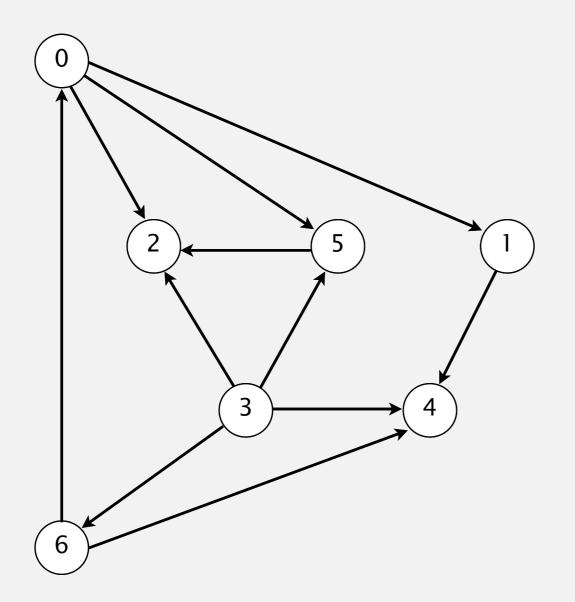


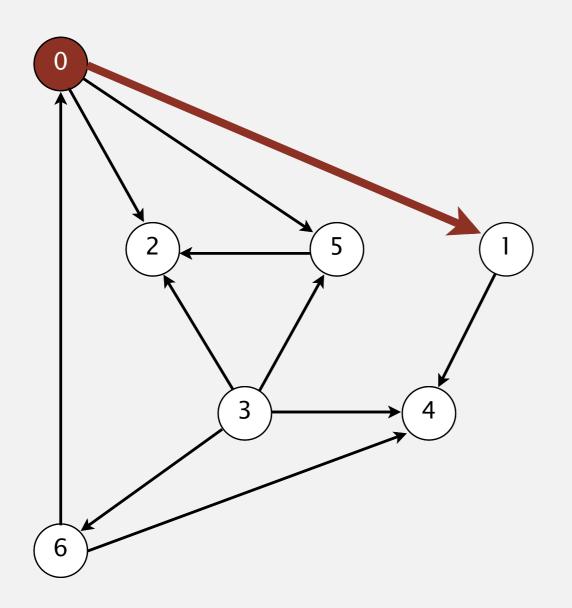
- Run depth-first search.
- Return vertices in reverse postorder.



tinyDAG7.txt

7	
11	
0	5
0	2
0	1
3	6
3	5
3	4
5	2
6	4
6	0
3	2

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

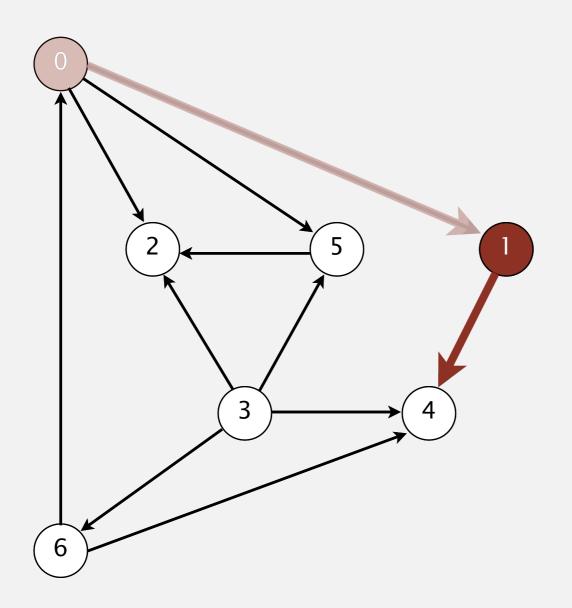


postorder

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

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

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

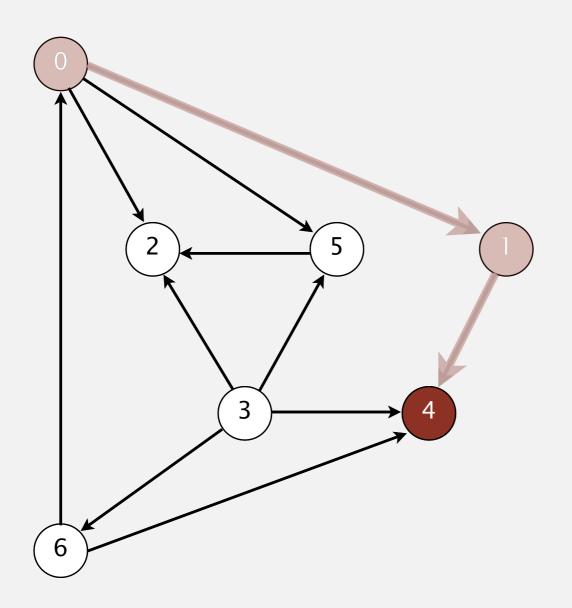


postorder

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

visit 1: check 4

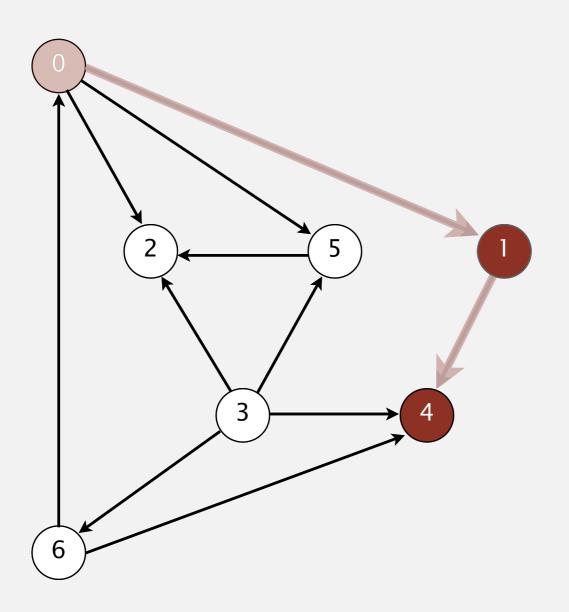
- Run depth-first search.
- Return vertices in reverse postorder.



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.

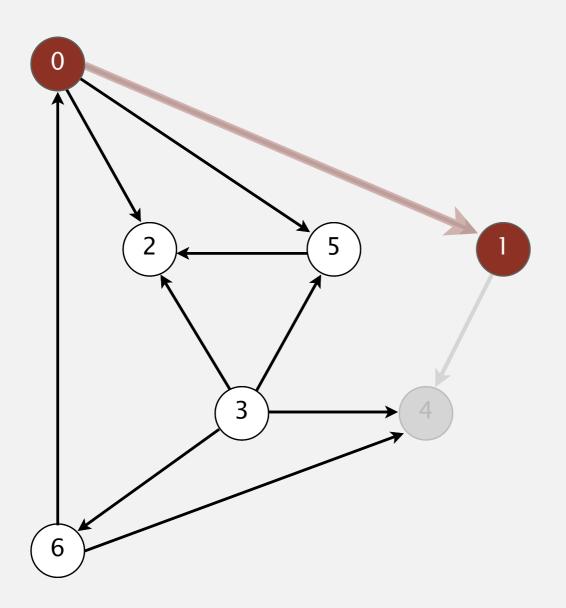


postorder

4

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

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



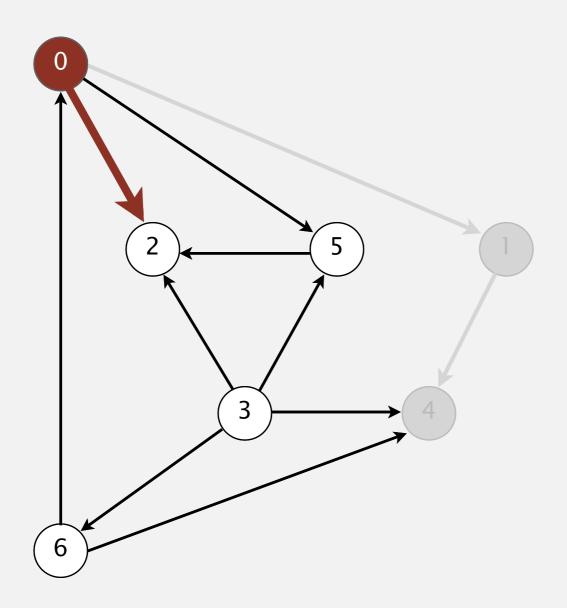
postorder

4 1

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

1 done

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



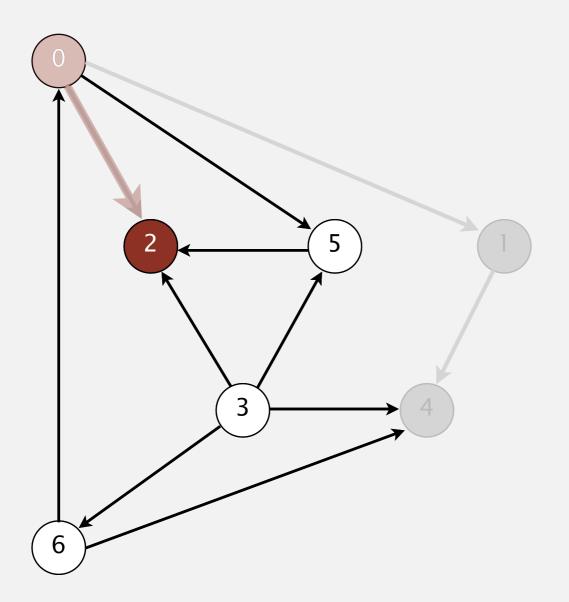
postorder

4 1

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

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

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

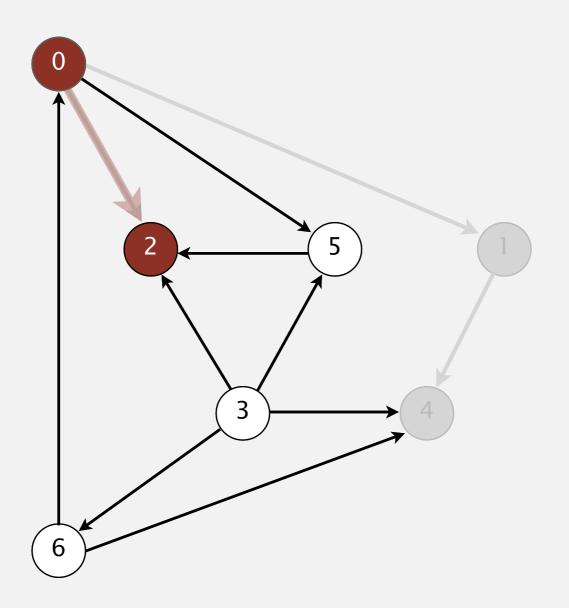


postorder

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.

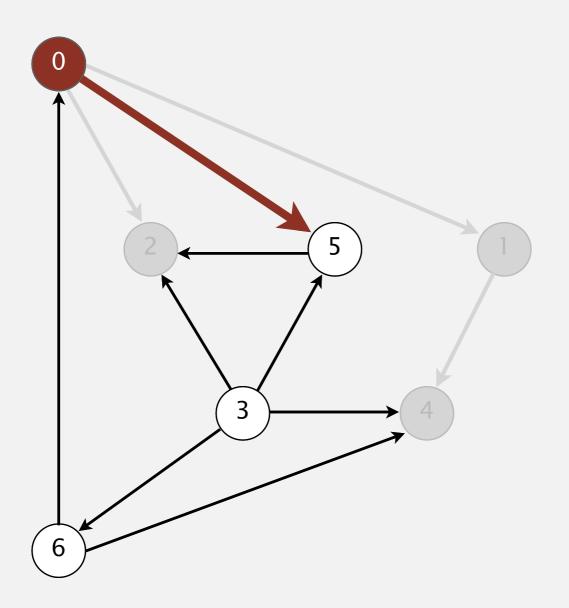


postorder

4 1 2

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.



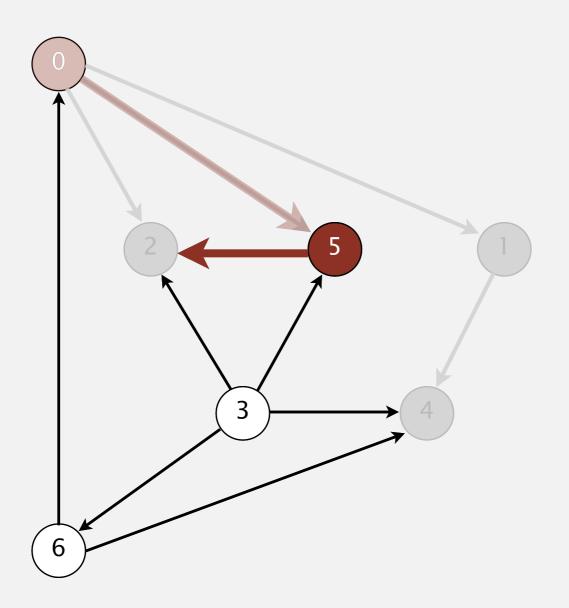
postorder

4 1 2

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

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

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

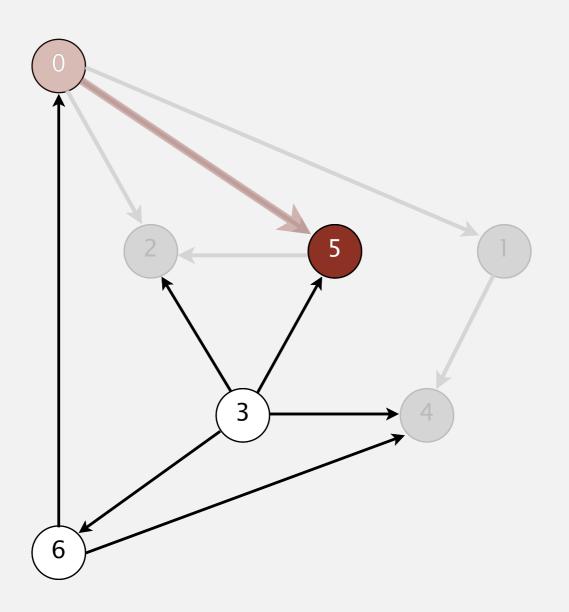


postorder

4 1 2

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.

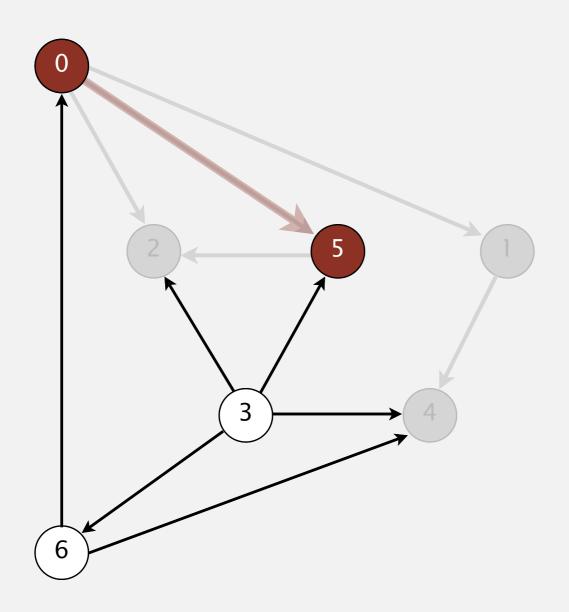


postorder

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.

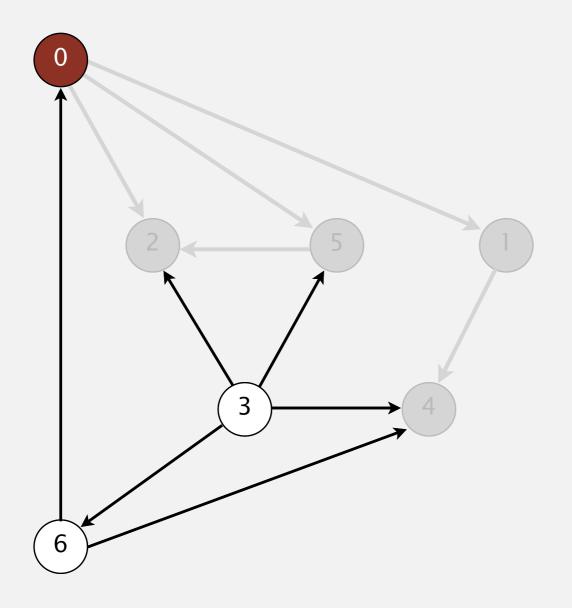


postorder

4 1 2 5

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

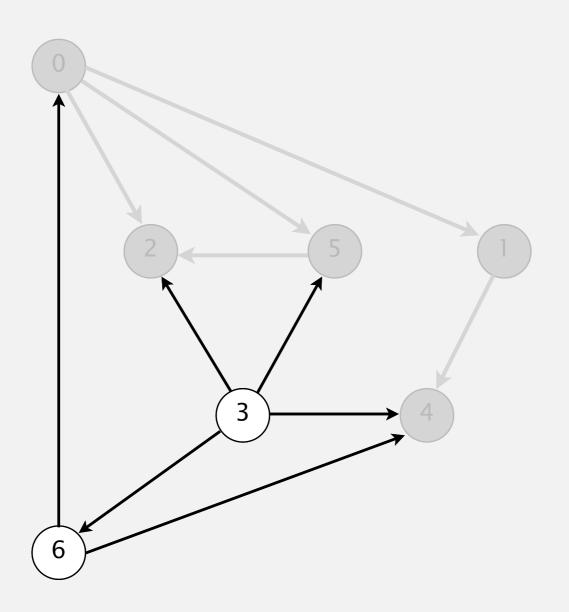
- Run depth-first search.
- Return vertices in reverse postorder.



postorder

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

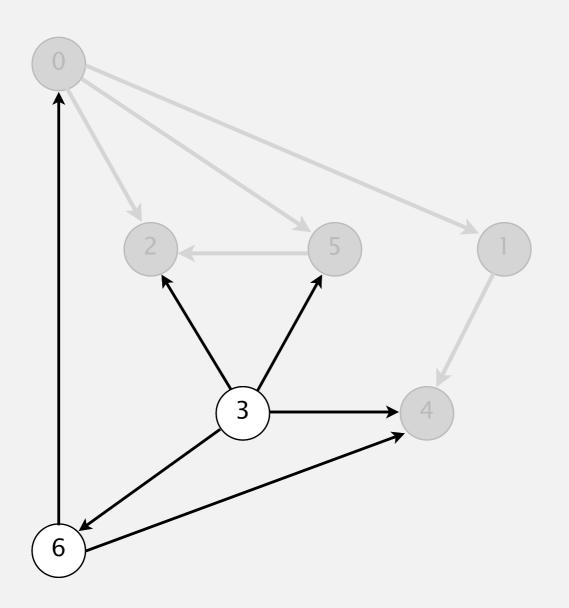
- Run depth-first search.
- Return vertices in reverse postorder.



postorder

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

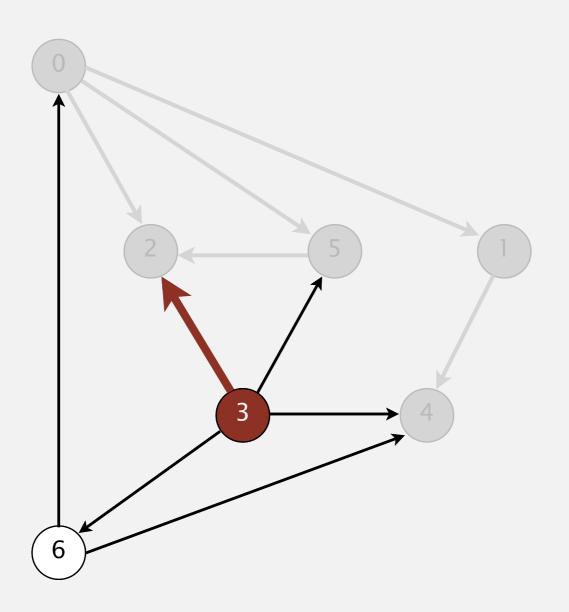
- Run depth-first search.
- Return vertices in reverse postorder.



postorder

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

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

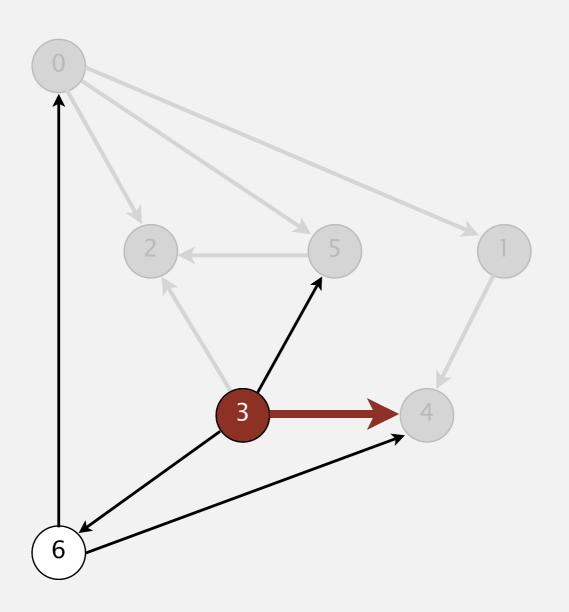


postorder

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.

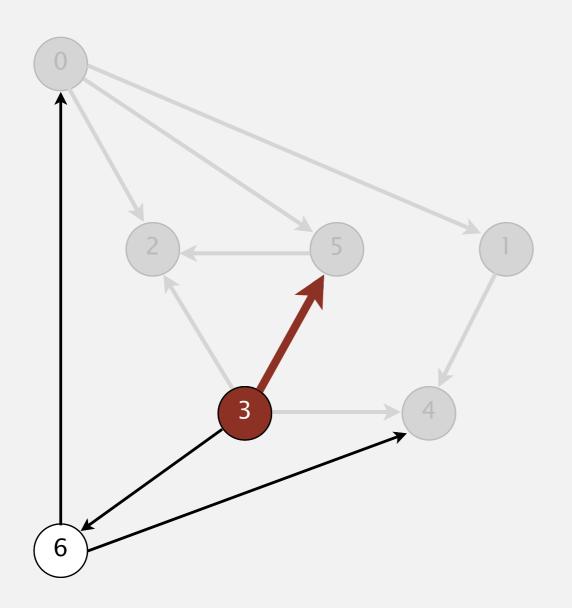


postorder

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.

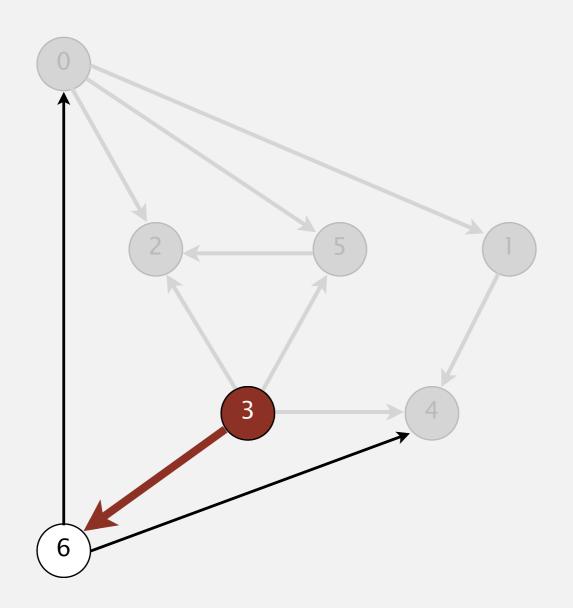


postorder

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.

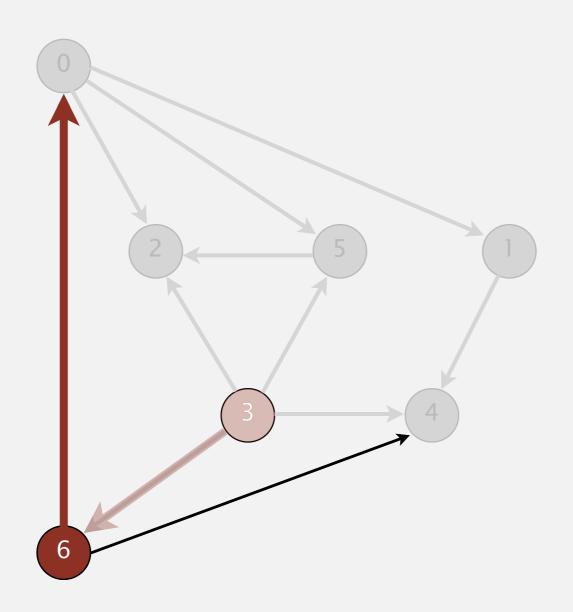


postorder

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.

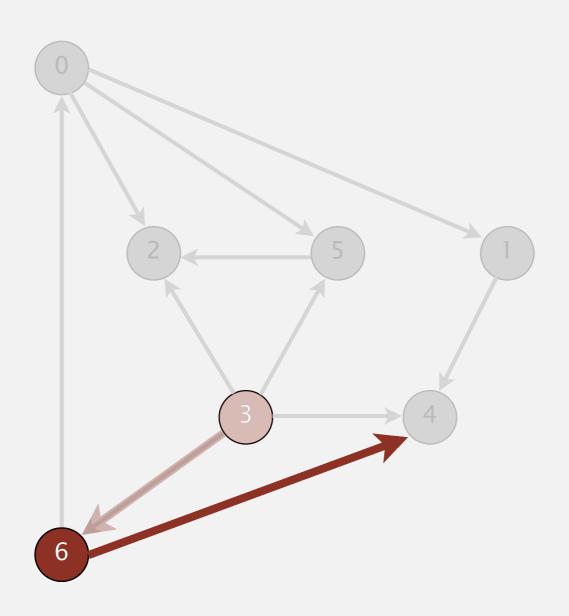


postorder

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.

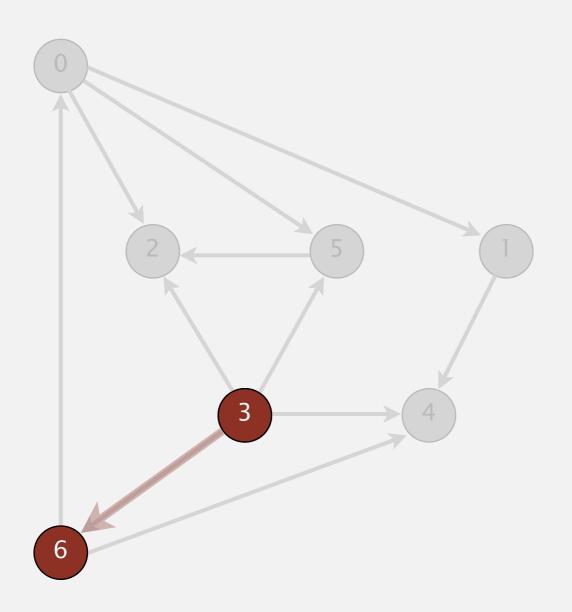


postorder

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.



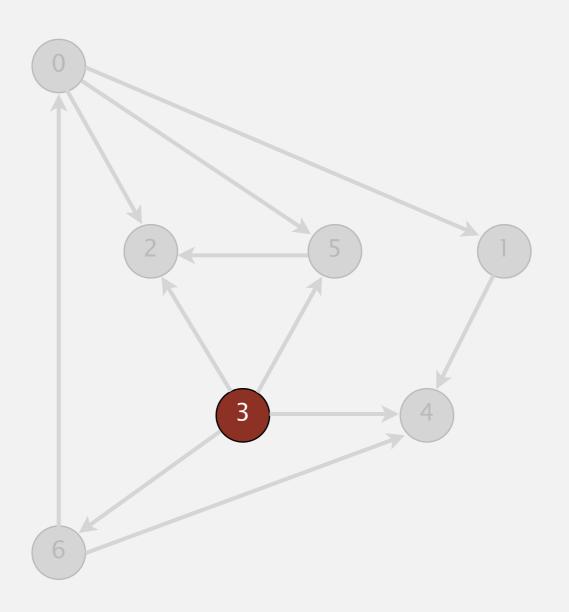
postorder

4 1 2 5 0 6

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

6 done

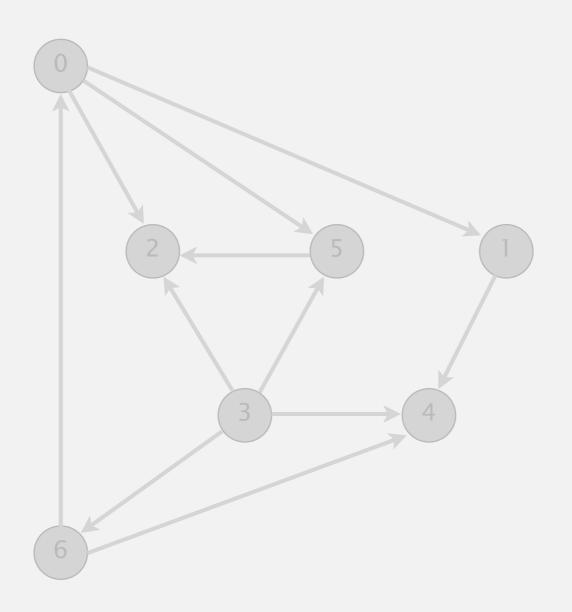
- Run depth-first search.
- Return vertices in reverse postorder.



postorder

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

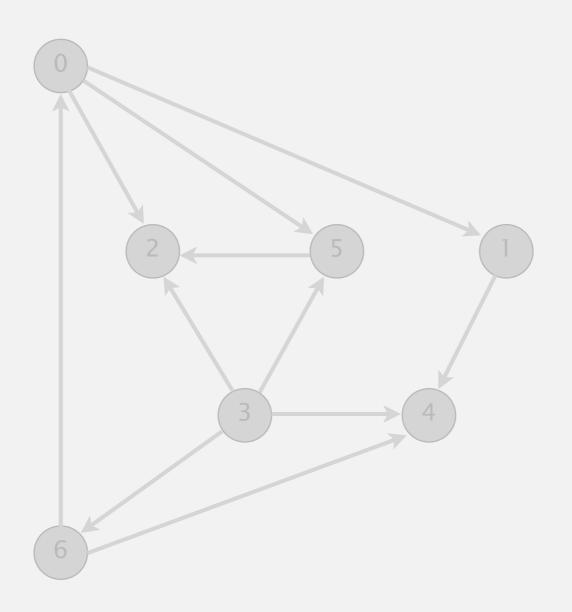
- Run depth-first search.
- Return vertices in reverse postorder.



postorder

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

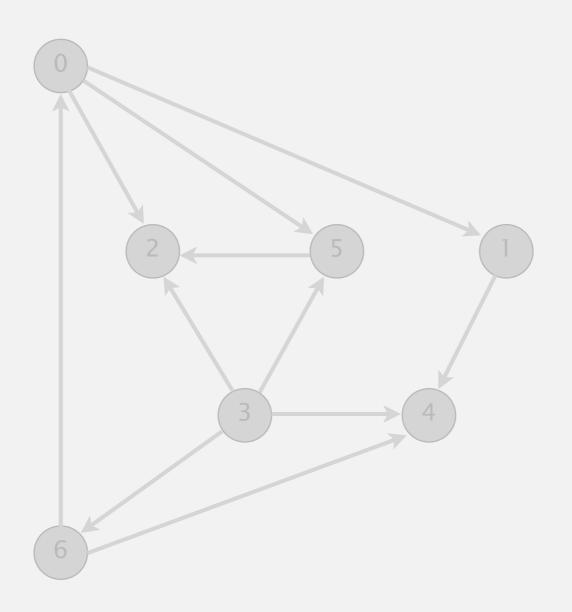
- Run depth-first search.
- Return vertices in reverse postorder.



postorder

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

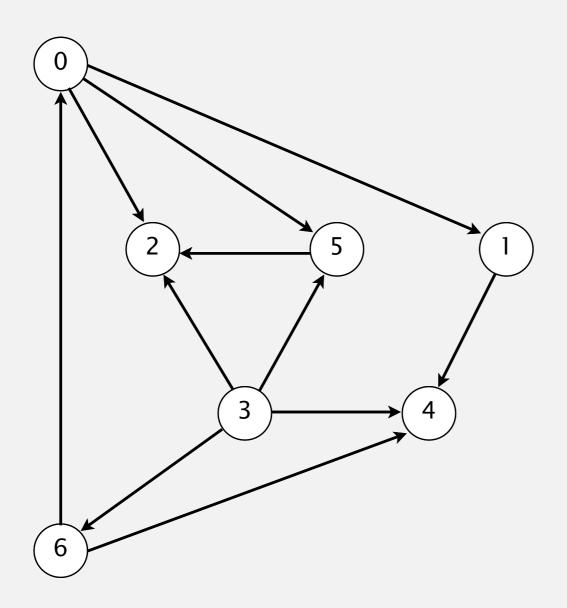
- Run depth-first search.
- Return vertices in reverse postorder.



postorder

V	marked[]
0	T
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

topological order

3 6 0 5 2 1 4