Algorithms

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4.2 DIRECTED DFS DEMO



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http://algs4.cs.princeton.edu

Directed depth-first search demo



- Mark vertex *v* as visited.
- Recursively visit all unmarked vertices pointing from v.



a directed graph

- Mark vertex *v* as visited.
- Recursively visit all unmarked vertices pointing from v.



visit 0: check 5 and check 1

- Mark vertex v as visited.
- Recursively visit all unmarked vertices pointing from v.



- Mark vertex *v* as visited.
- Recursively visit all unmarked vertices pointing from v.



- Mark vertex *v* as visited.
- Recursively visit all unmarked vertices pointing from v.



visit 3: check 5 and check 2

- Mark vertex *v* as visited.
- Recursively visit all unmarked vertices pointing from v.



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