

# Goals

- Analyze graph search algorithms

u.

vertex	adjacency list
$s$	$u, y$
$u$	$v, z, s$
$y$	$s, z$
$v$	$w, a, u$
$z$	$w, u, y$
$a$	$v, t$
$w$	$v, t, z$
$t$	$a, w$

**A :**

Provide the sequence of visited vertices if we use Breadth First Search on this graph, starting at  $s$ , and use the order given by the adjacency lists.

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$s, u, y, v, z, w, a, t$