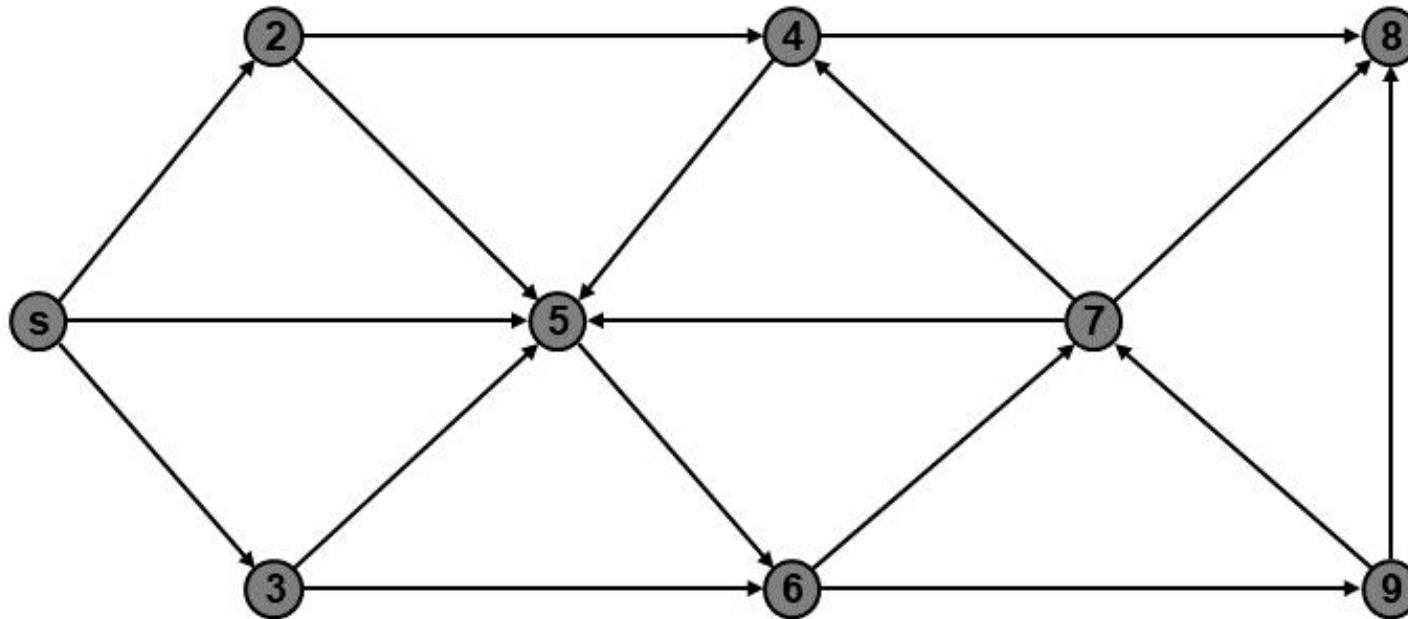
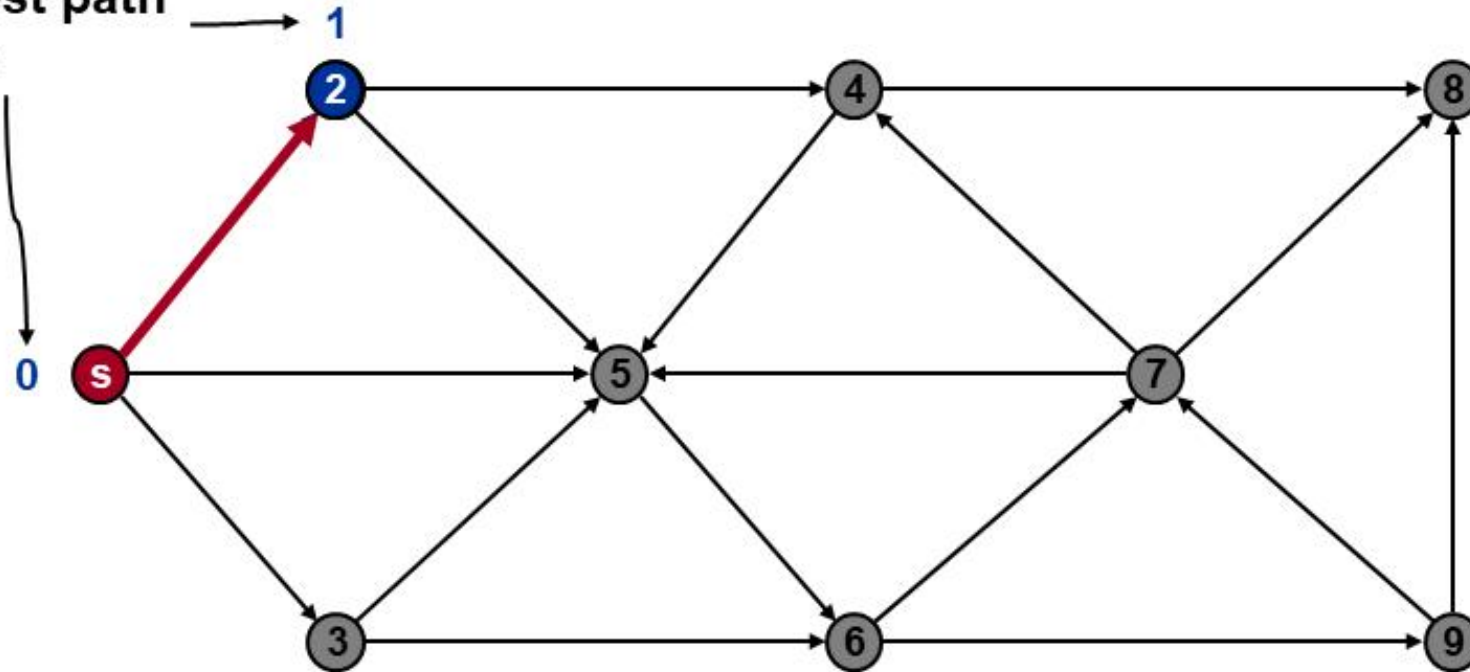


Breadth First Search



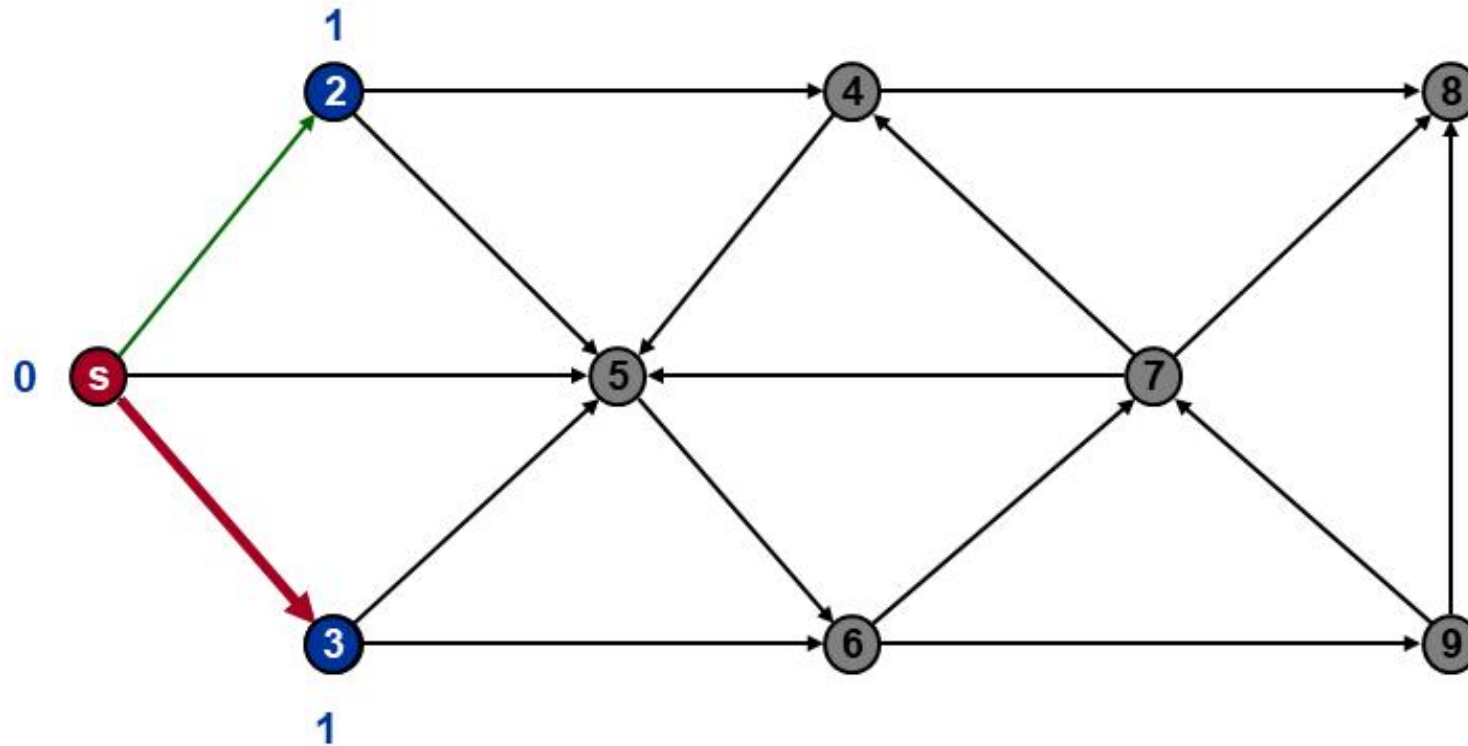
Breadth First Search

Shortest path
from s



Queue: s

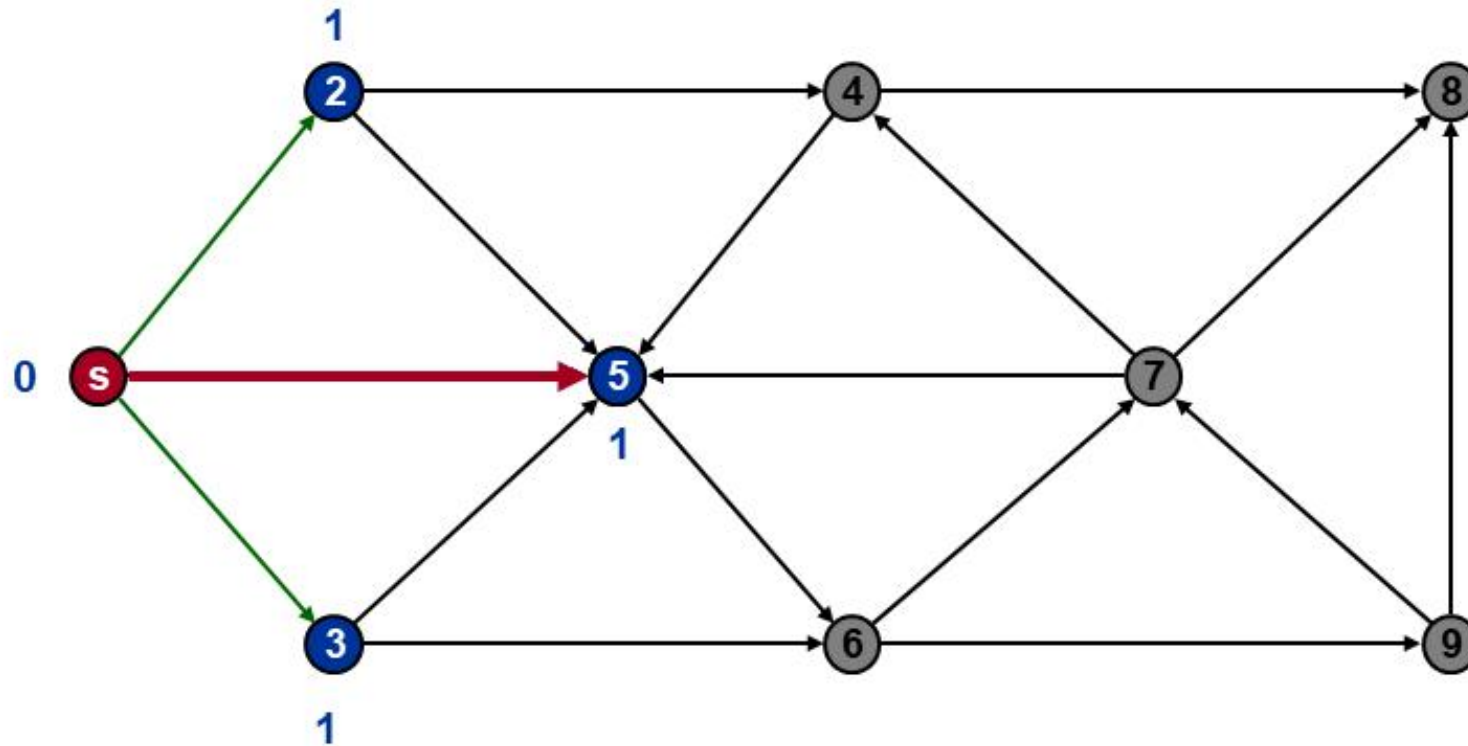
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: s 2

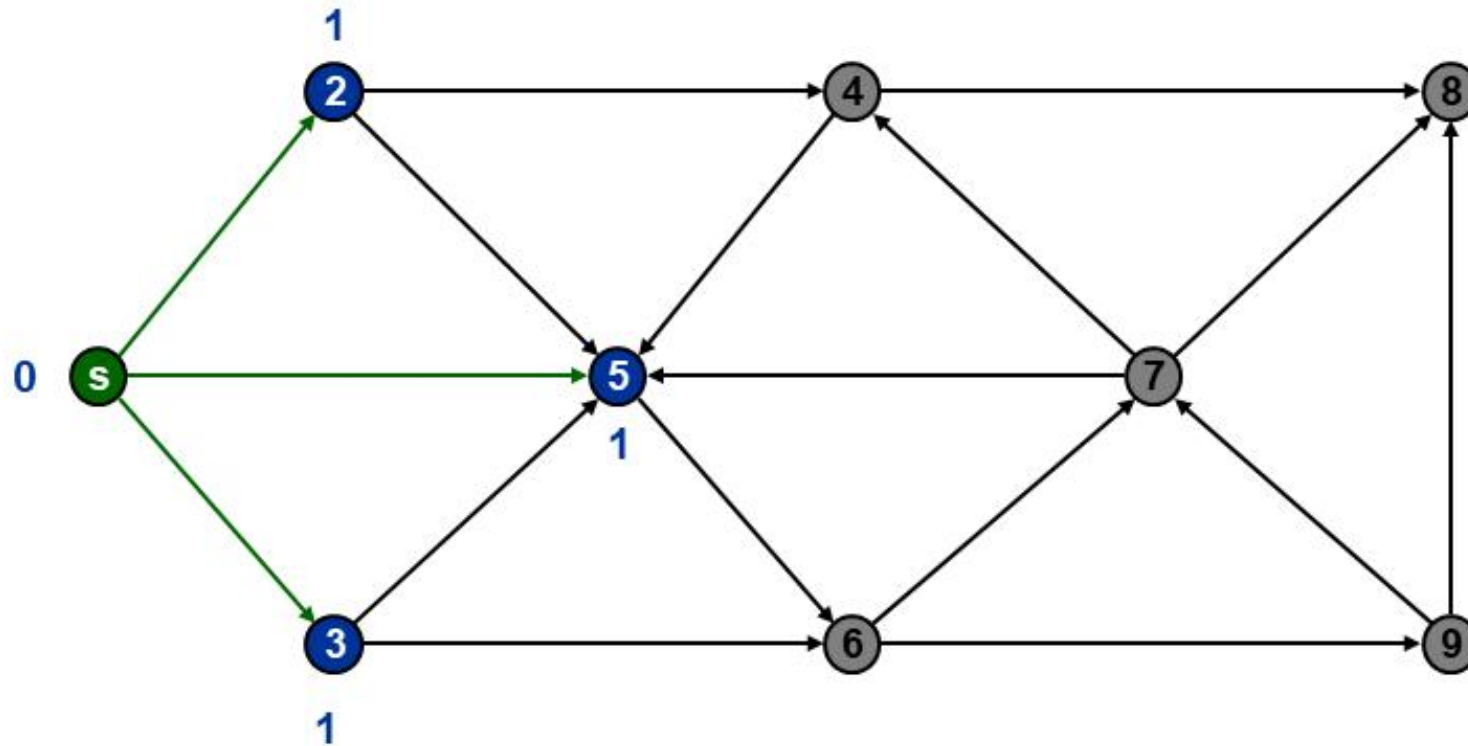
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: s 2 3

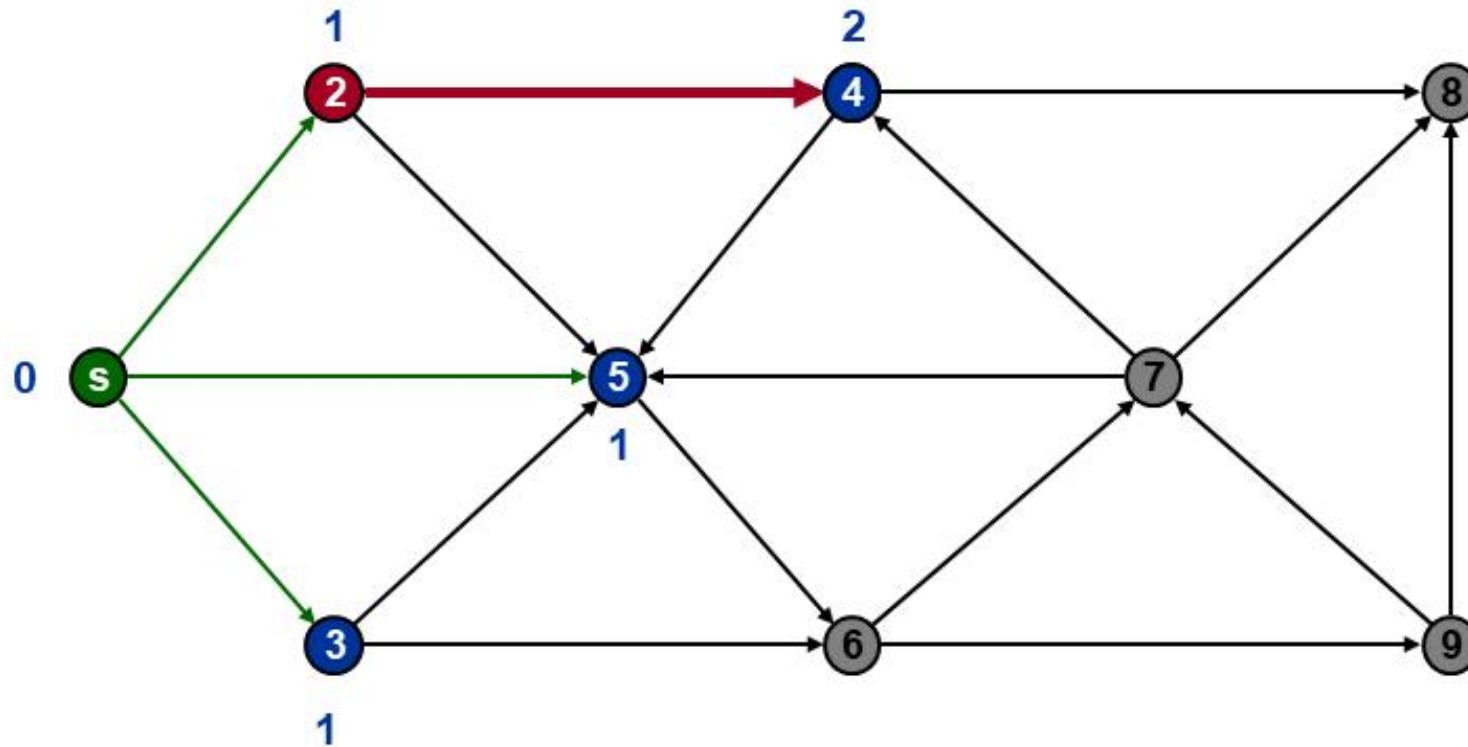
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 2 3 5

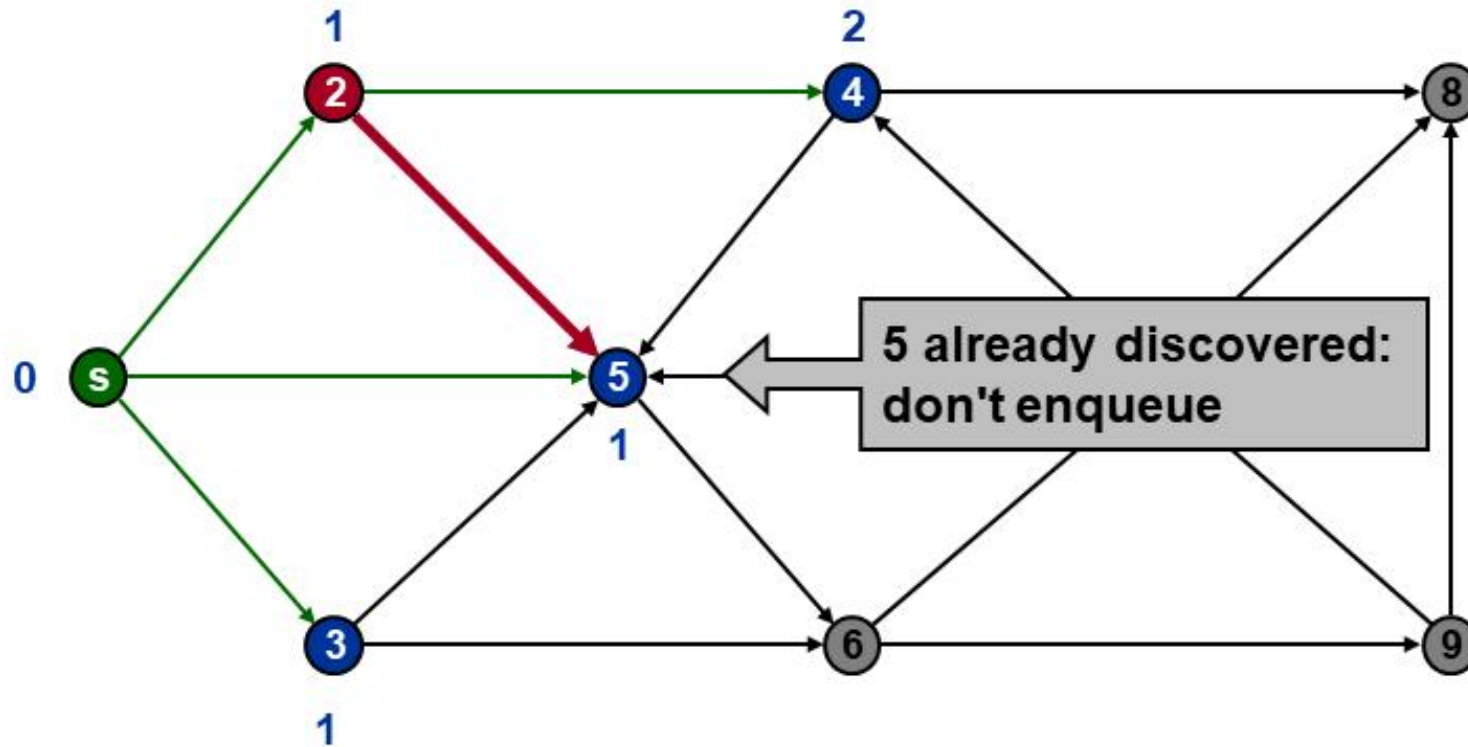
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

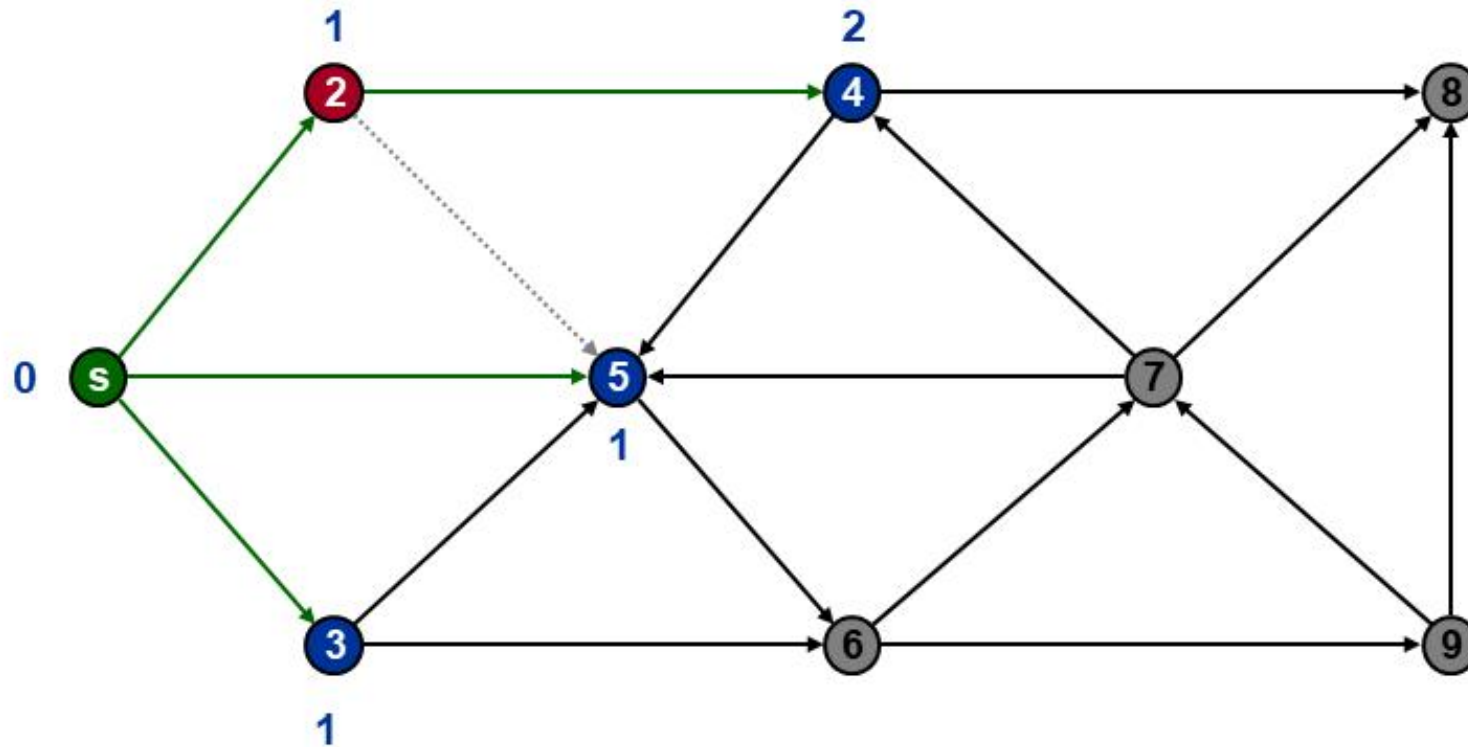
Queue: 2 3 5

Breadth First Search



Queue: 2 3 5 4

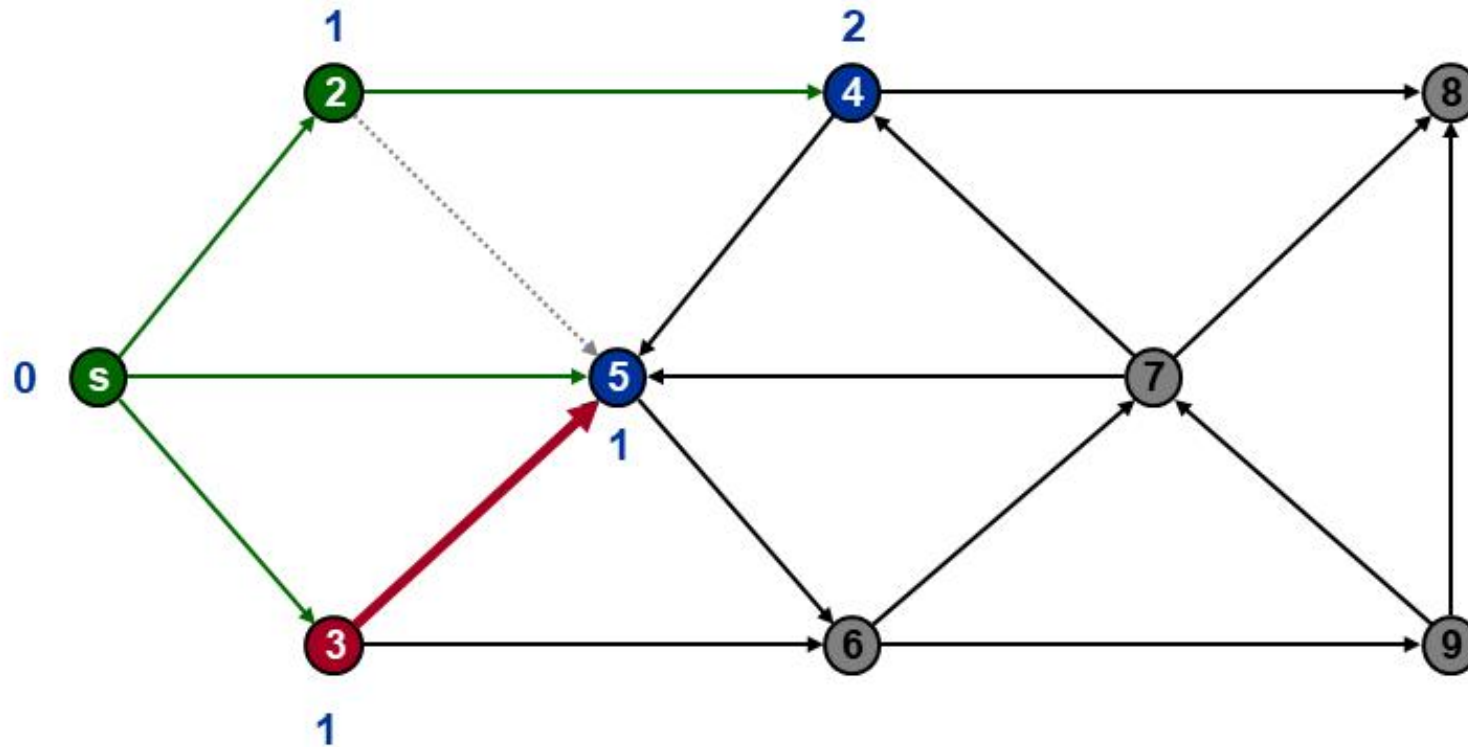
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 2 3 5 4

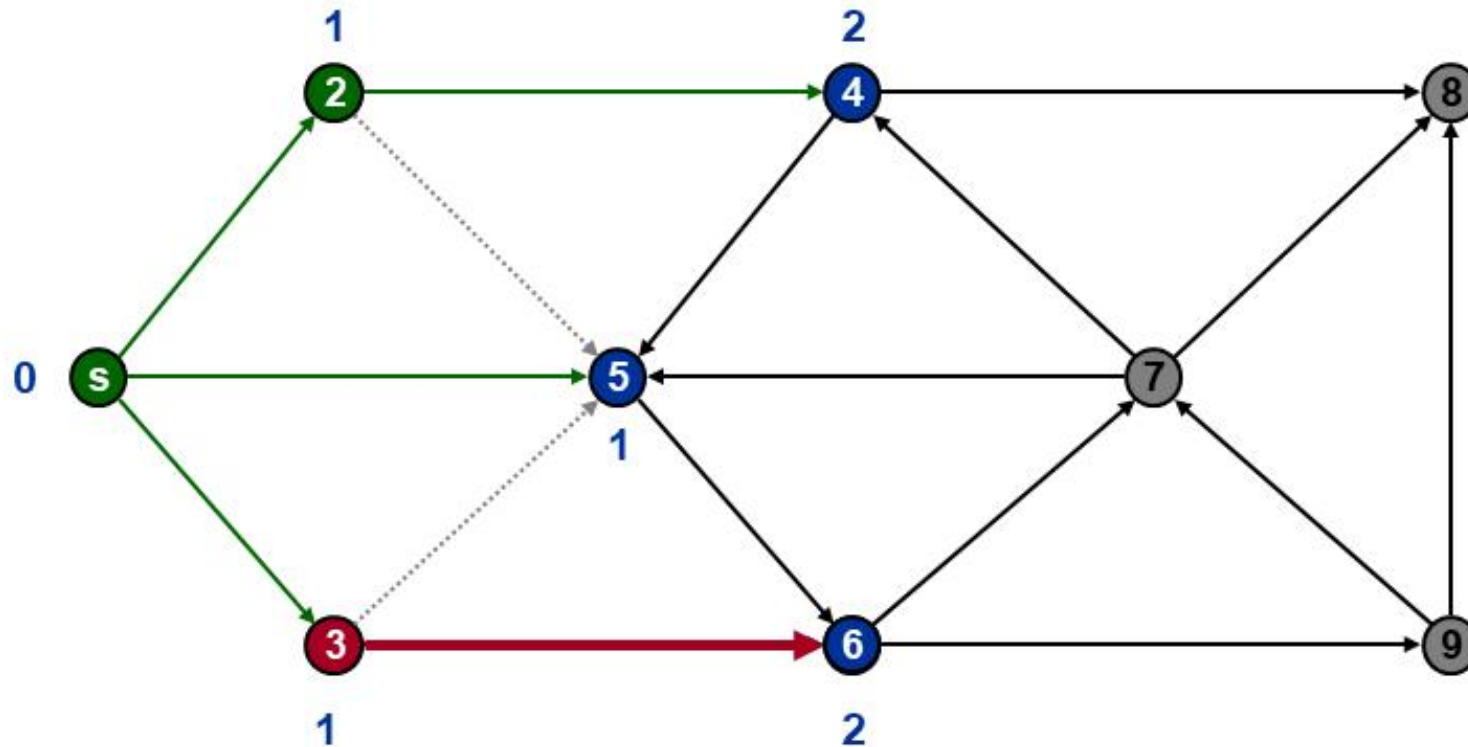
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 3 5 4

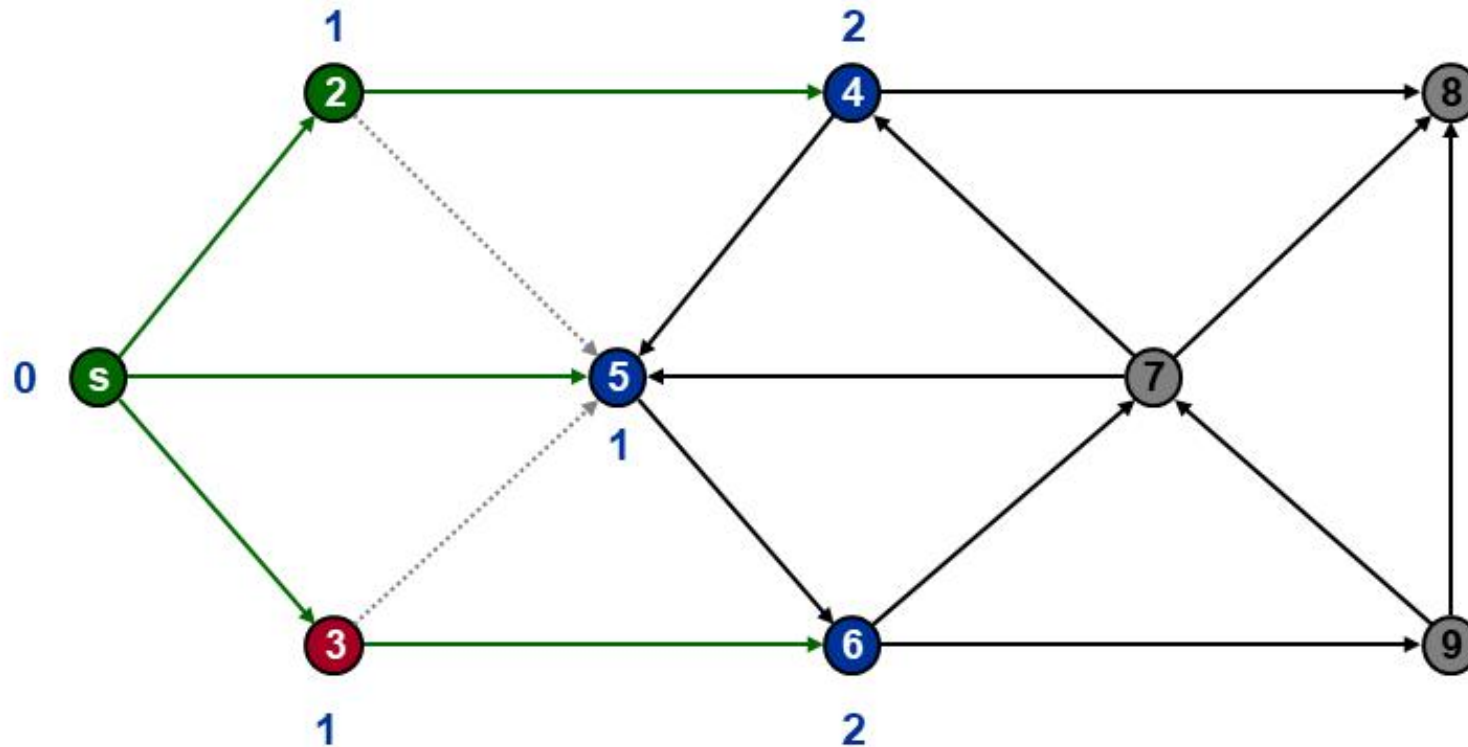
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 3 5 4

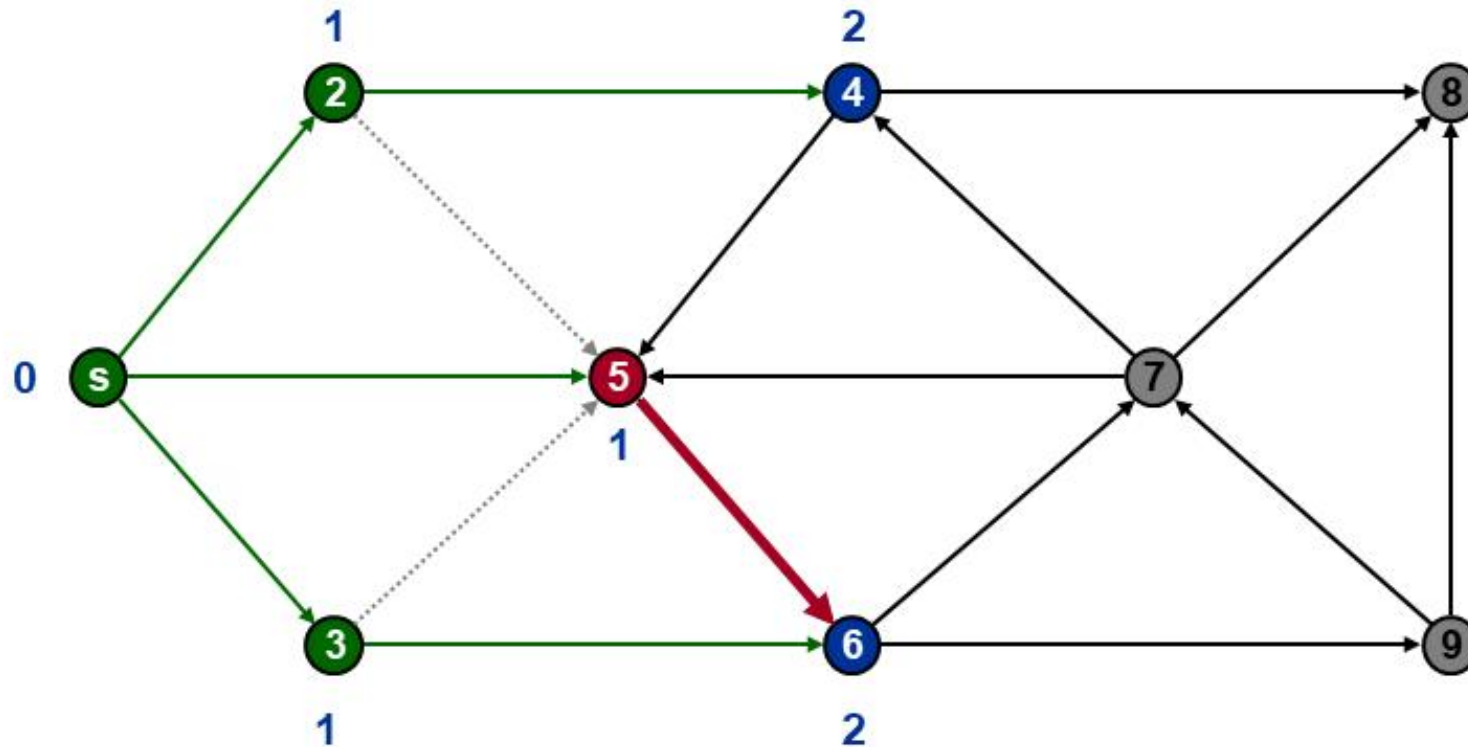
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 3 5 4 6

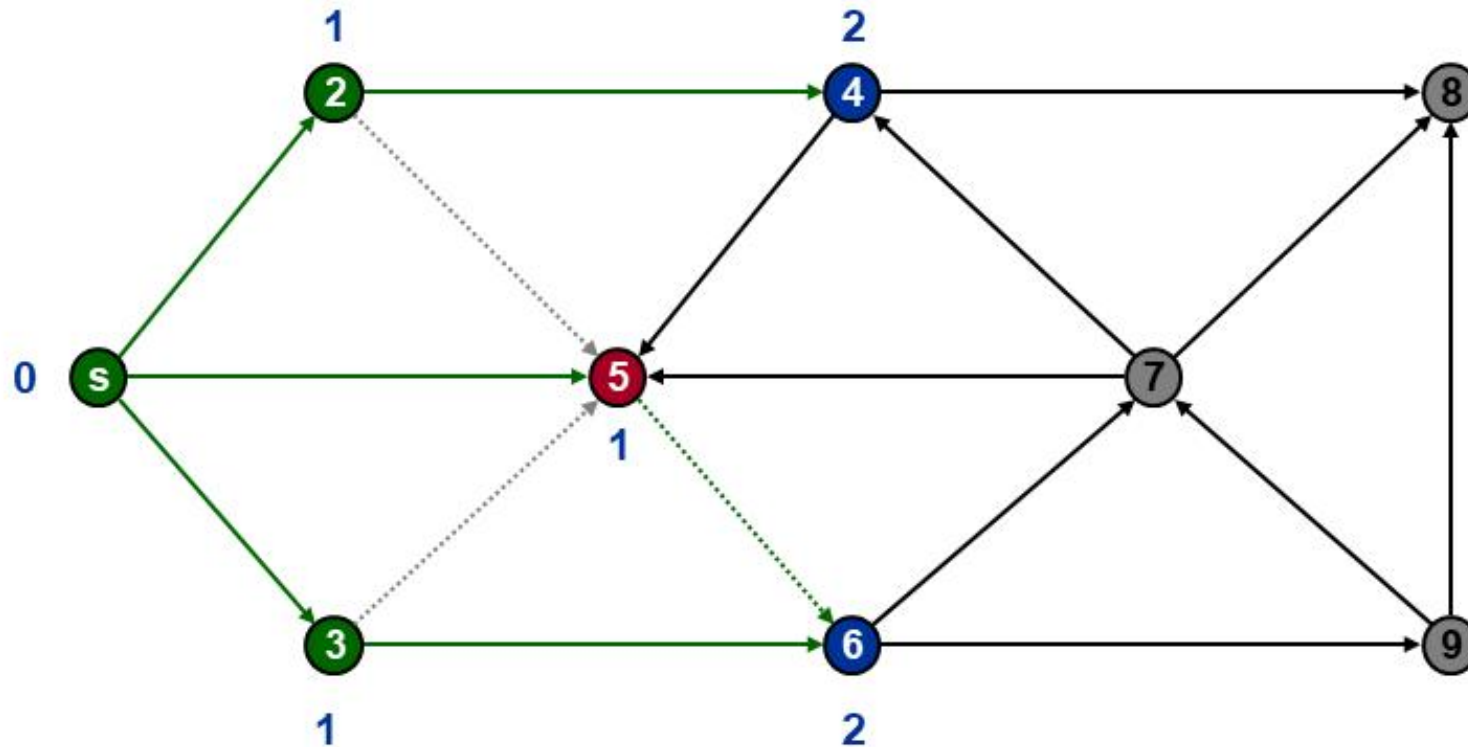
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 5 4 6

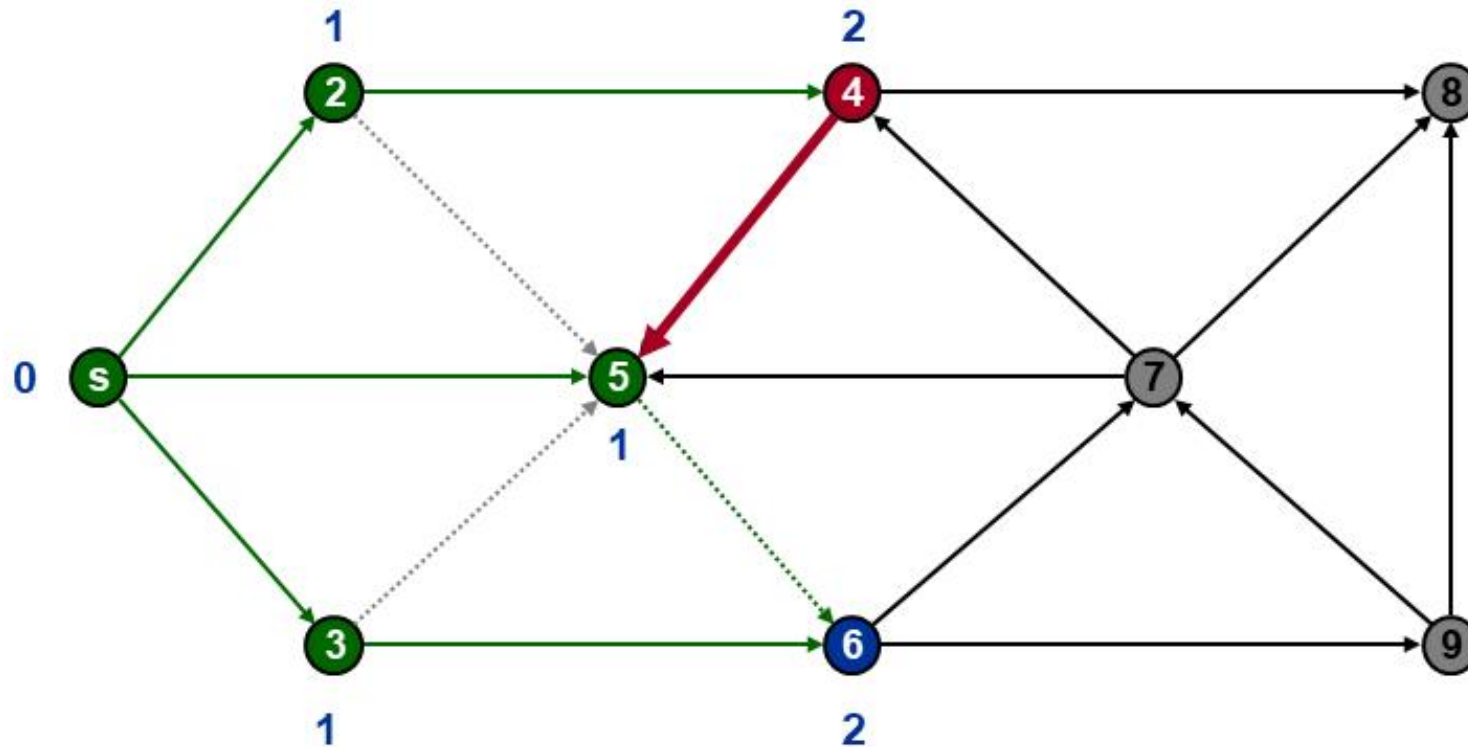
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 5 4 6

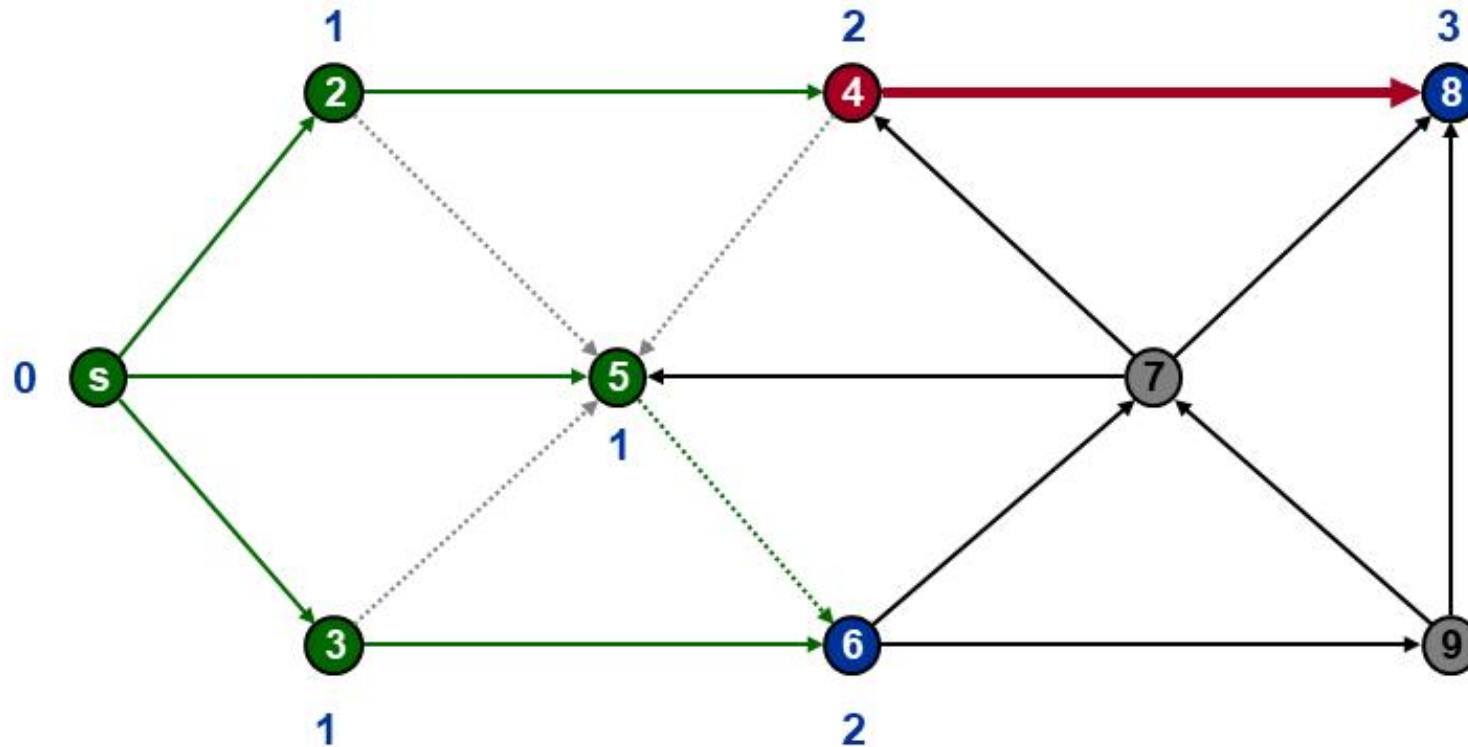
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 4 6

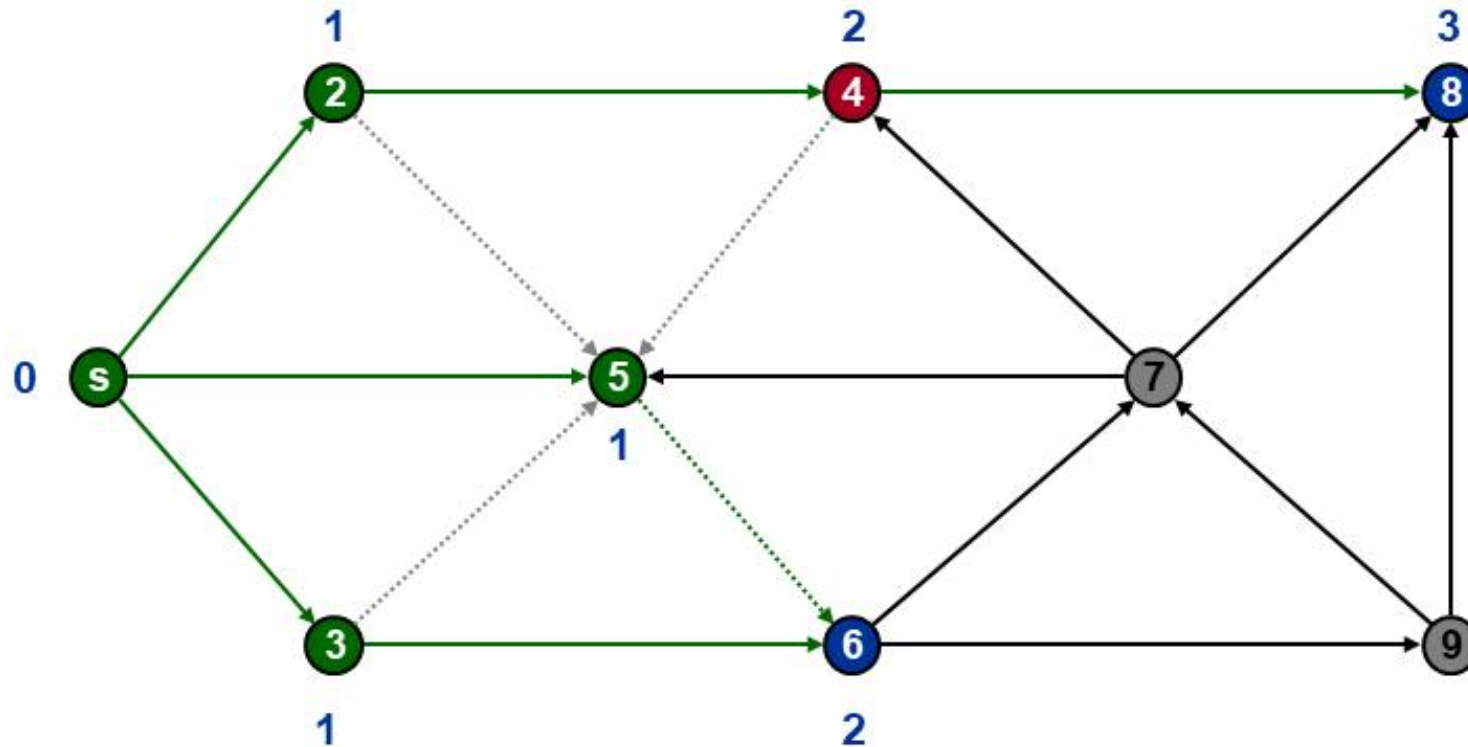
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 4 6

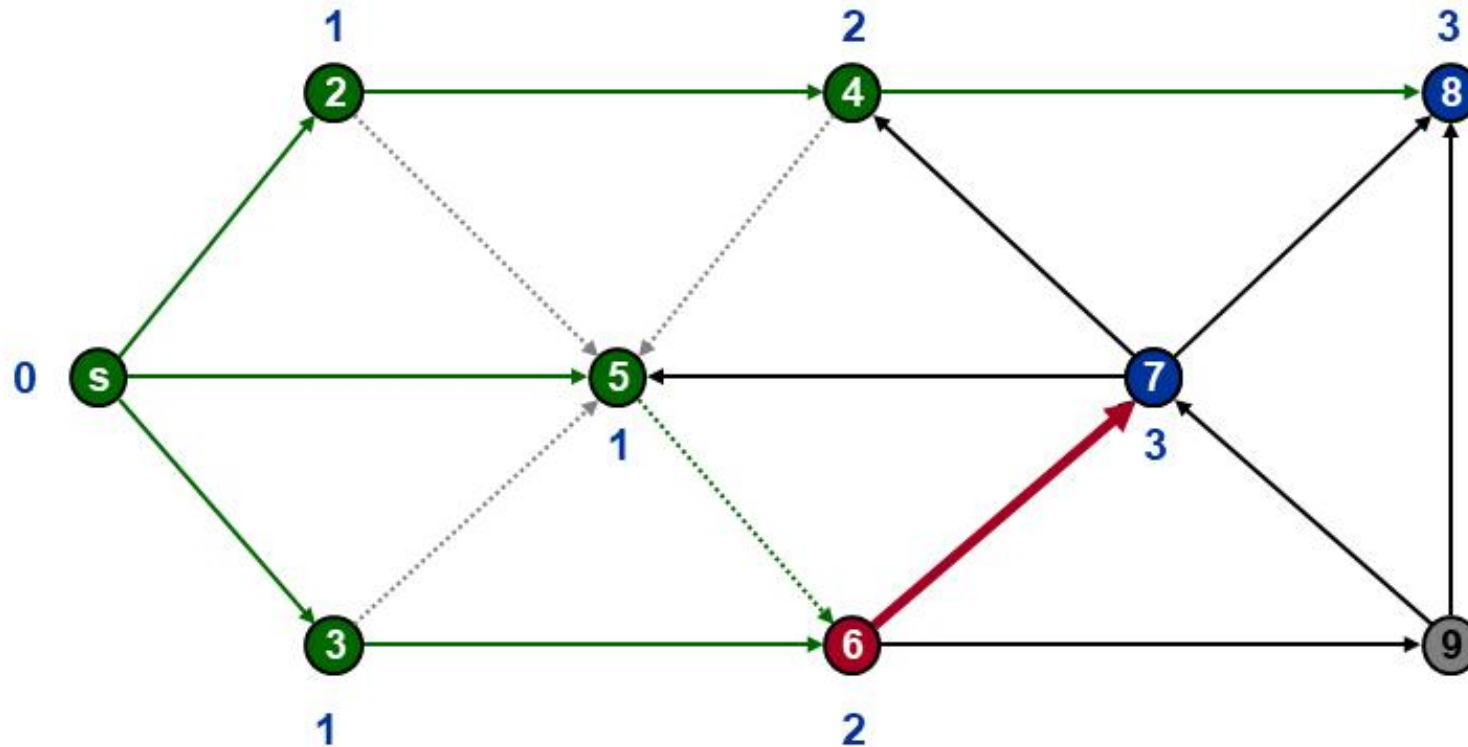
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 4 6 8

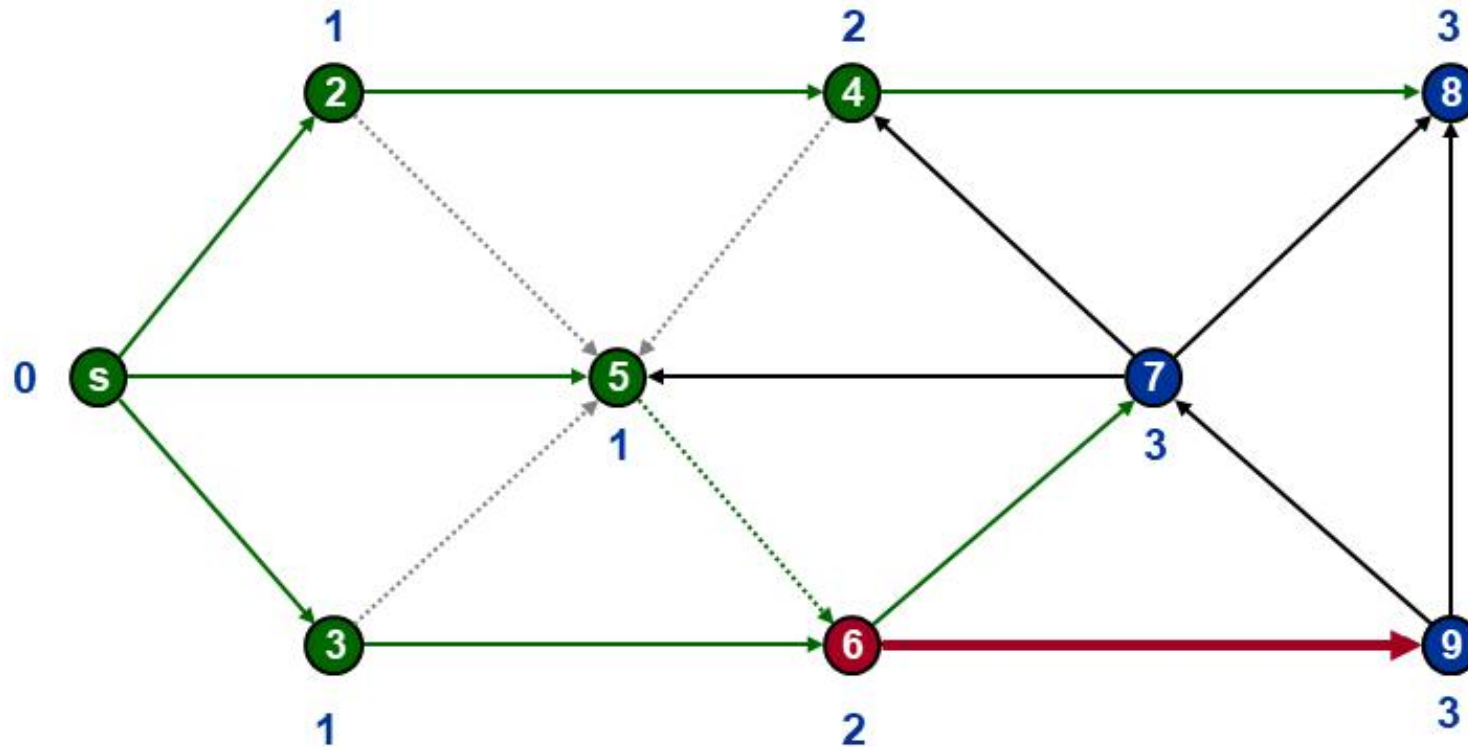
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 6 8

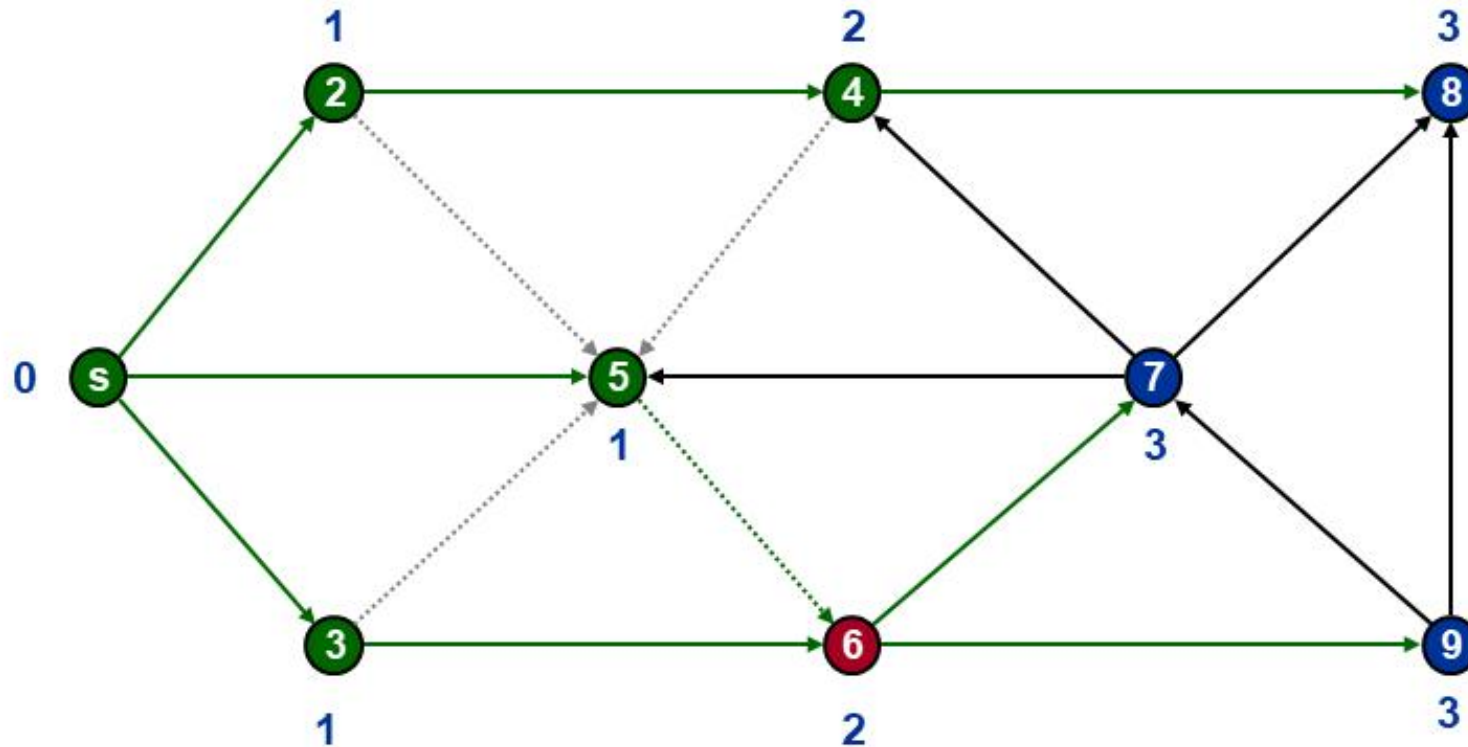
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 6 8 7

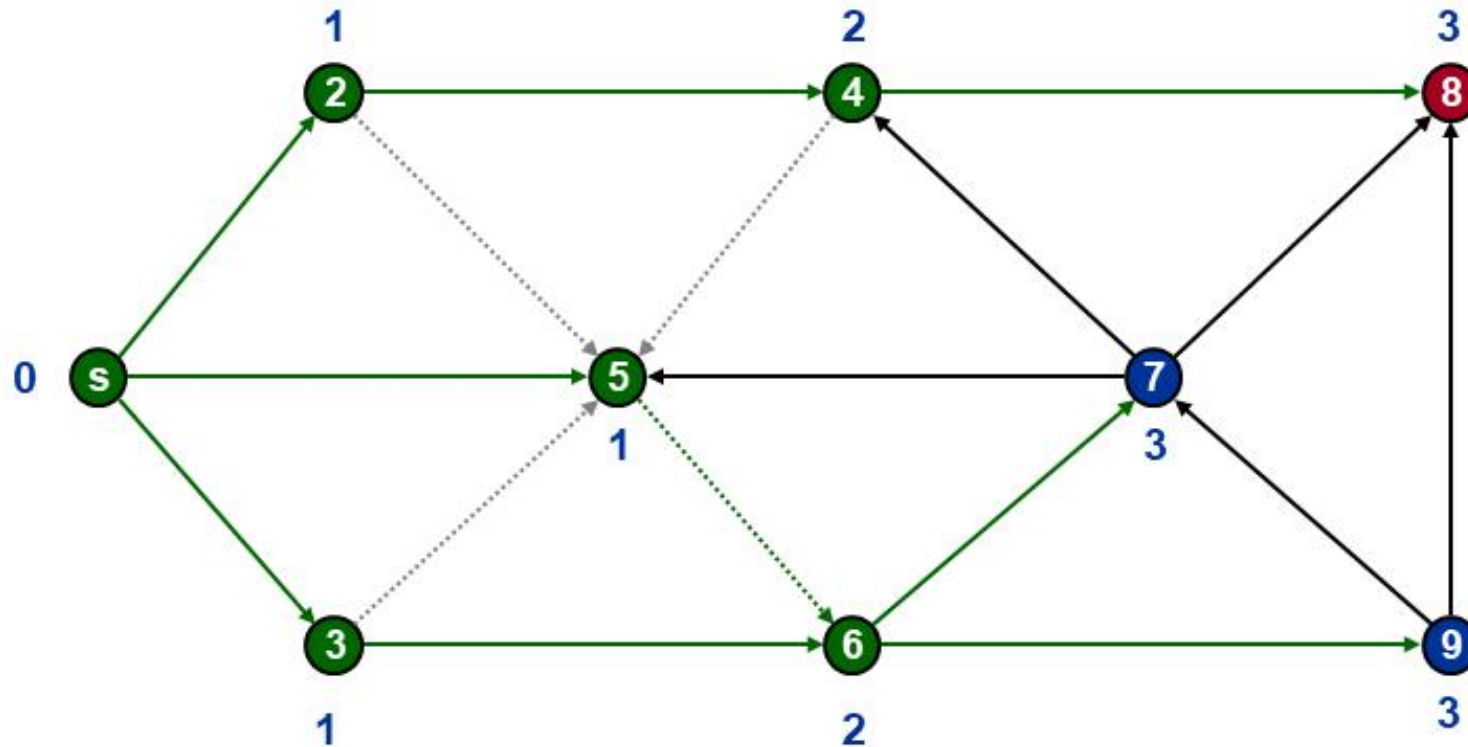
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 6 8 7 9

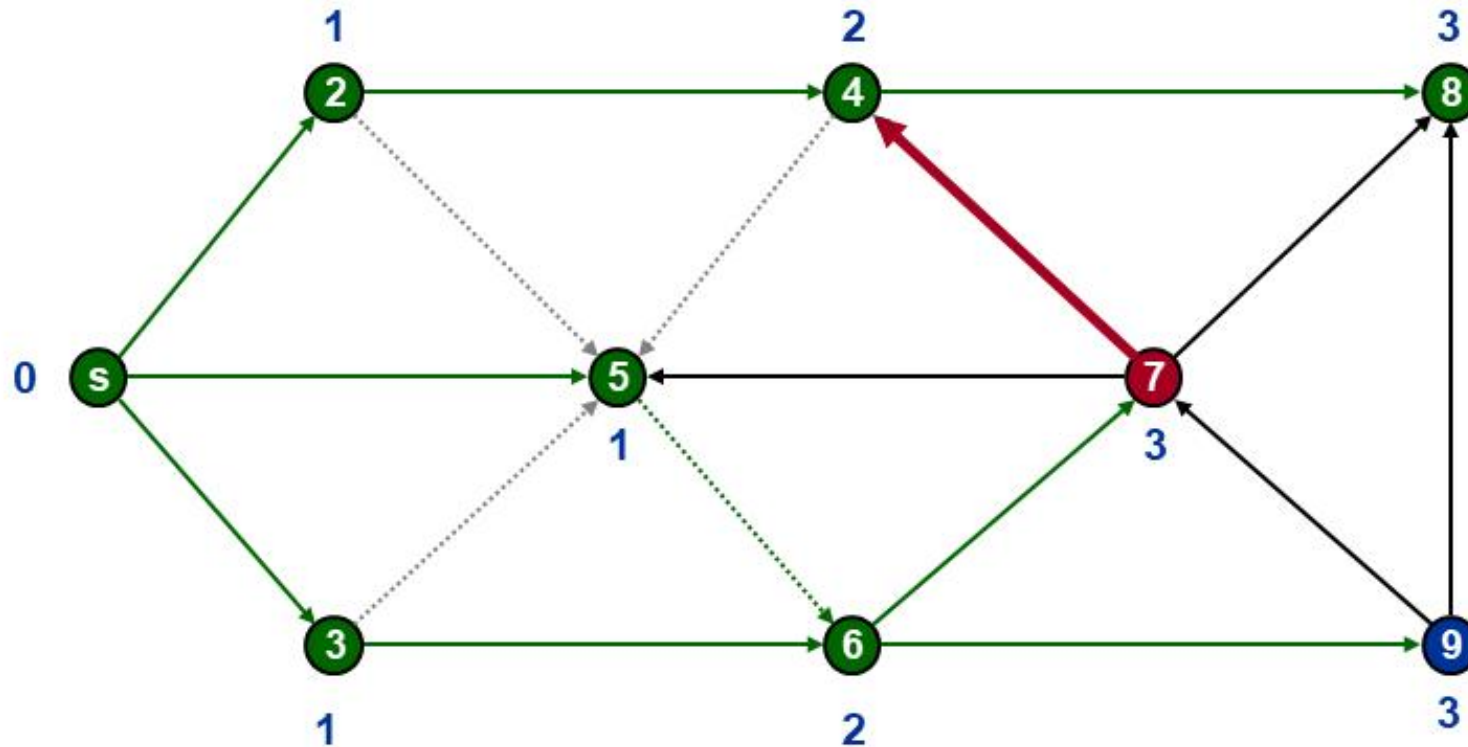
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 8 7 9

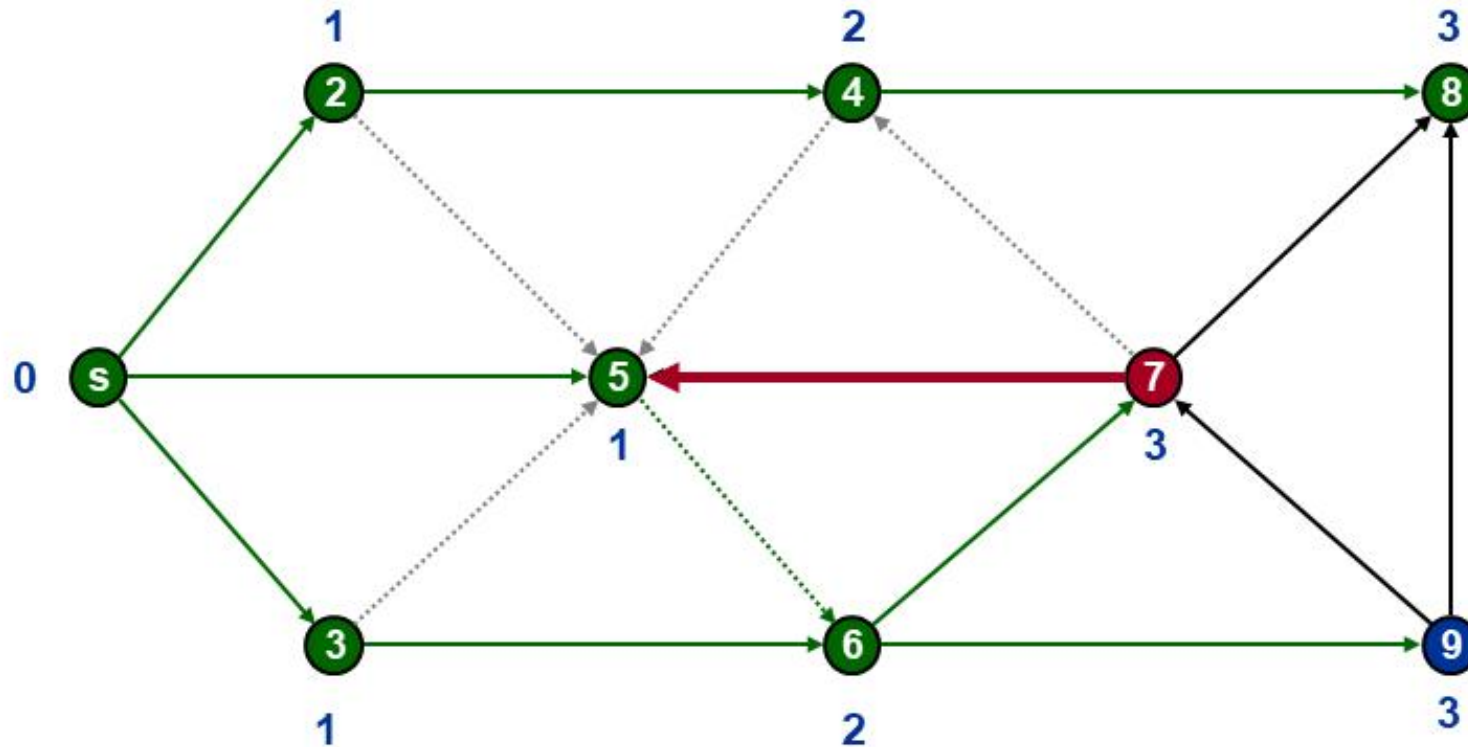
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 7 9

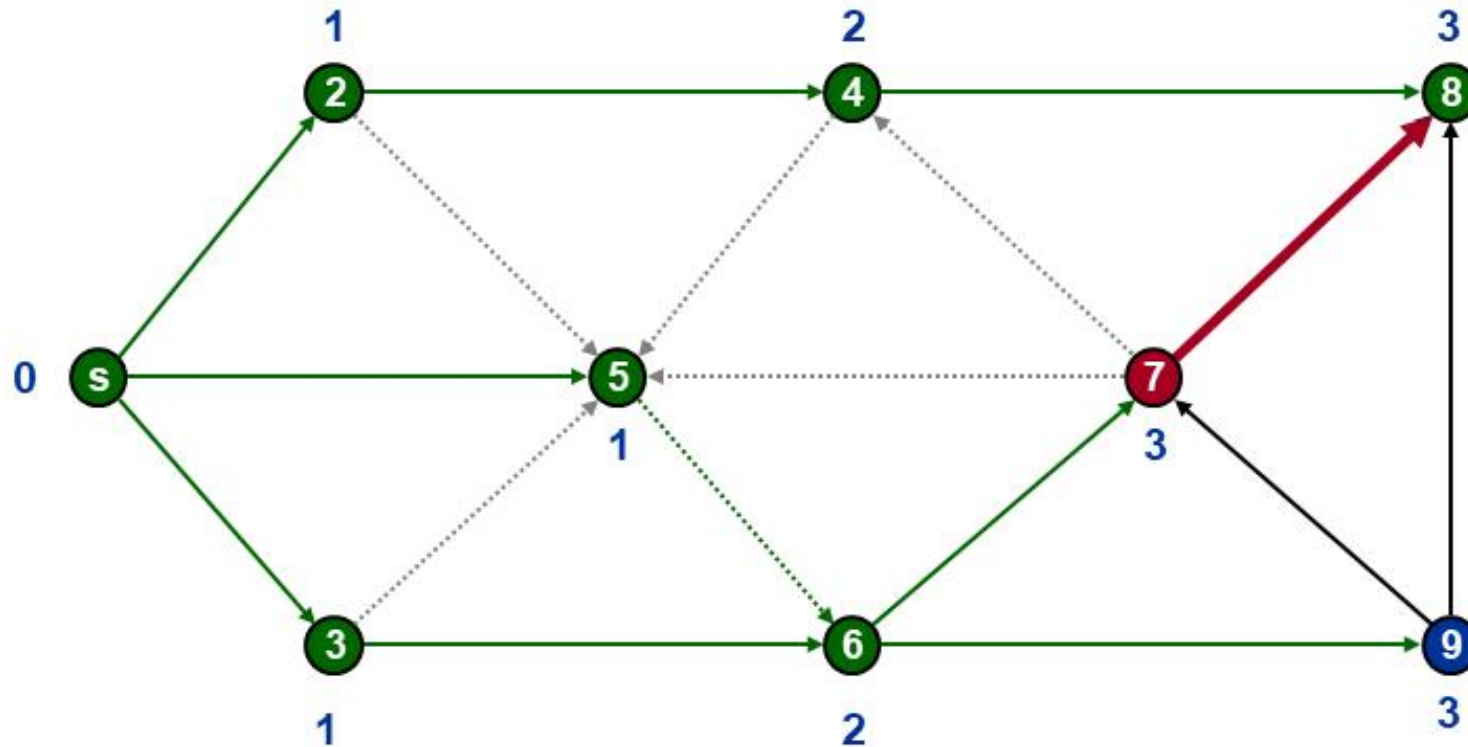
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 7 9

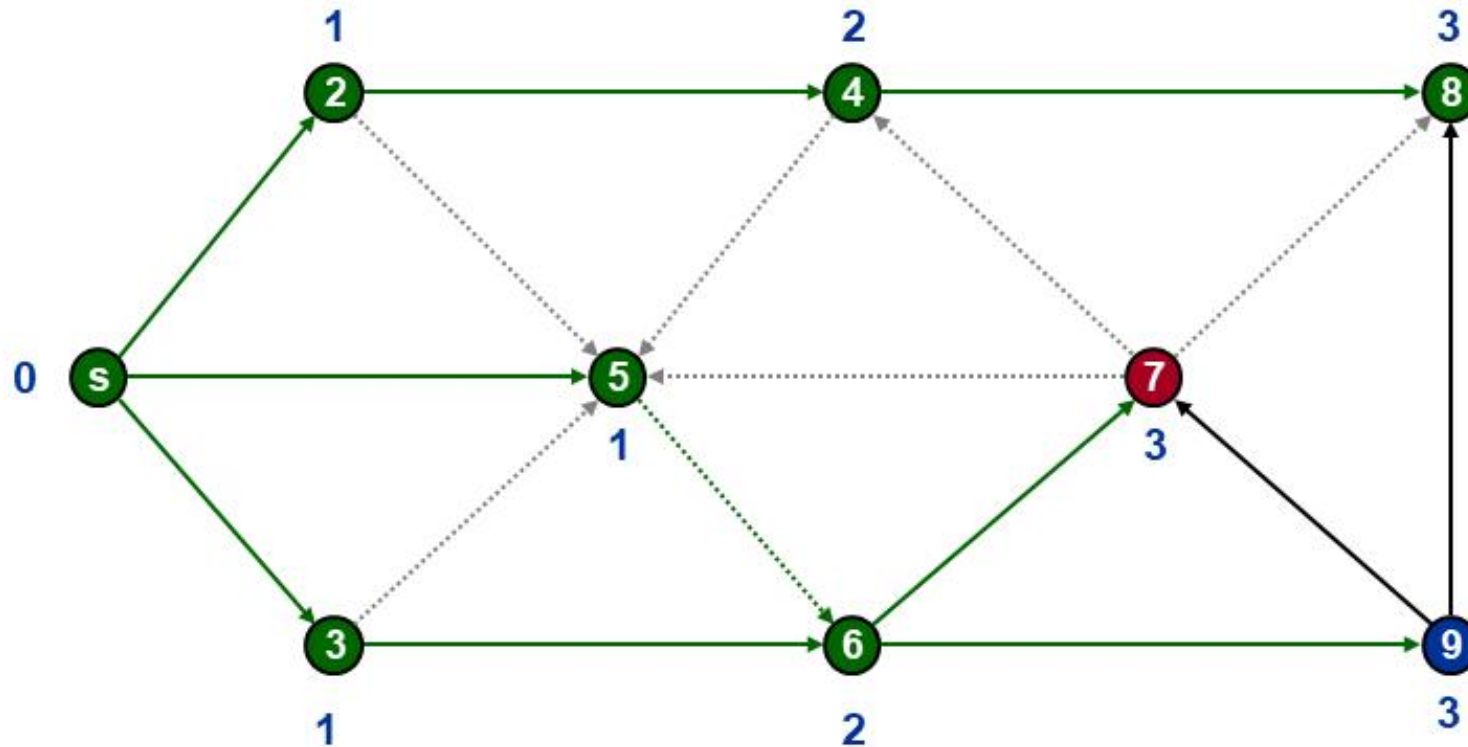
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 7 9

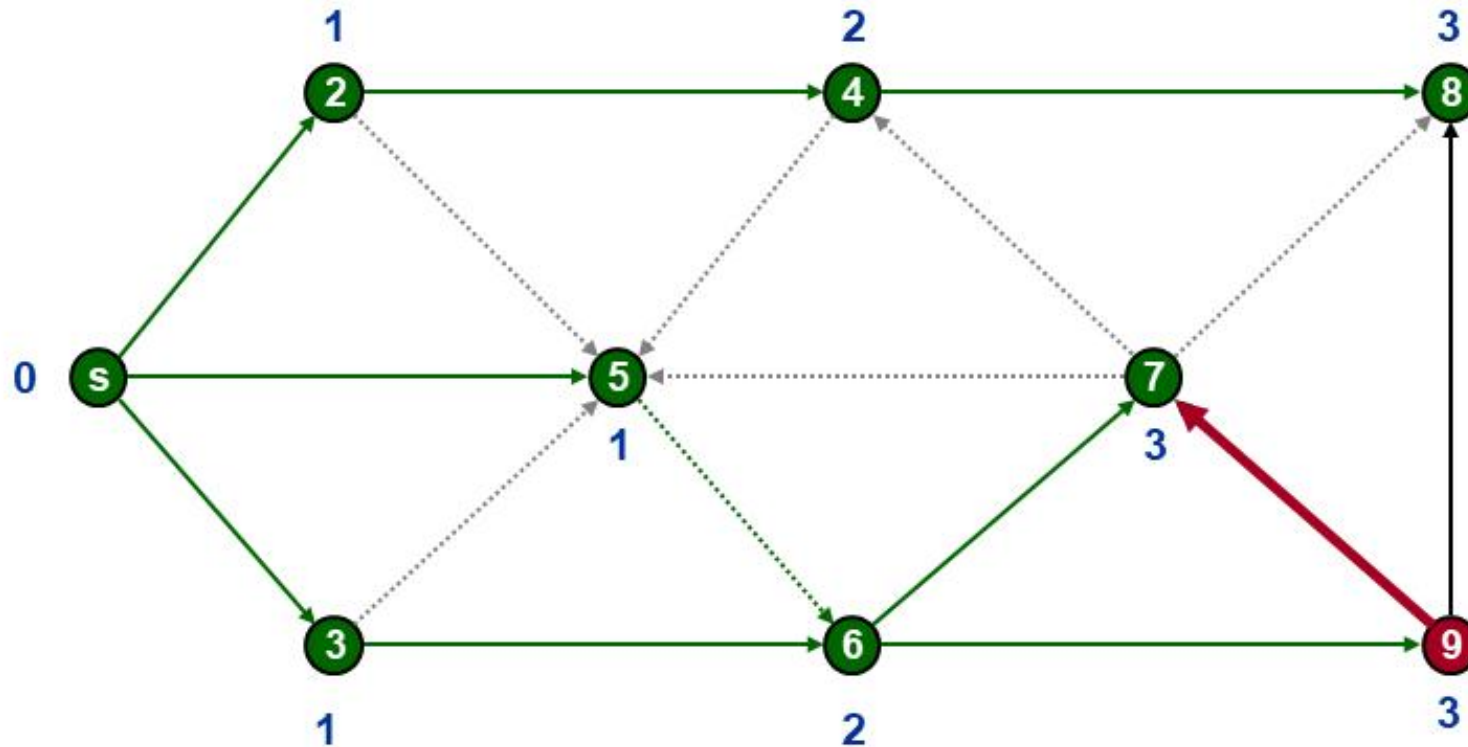
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 7 9

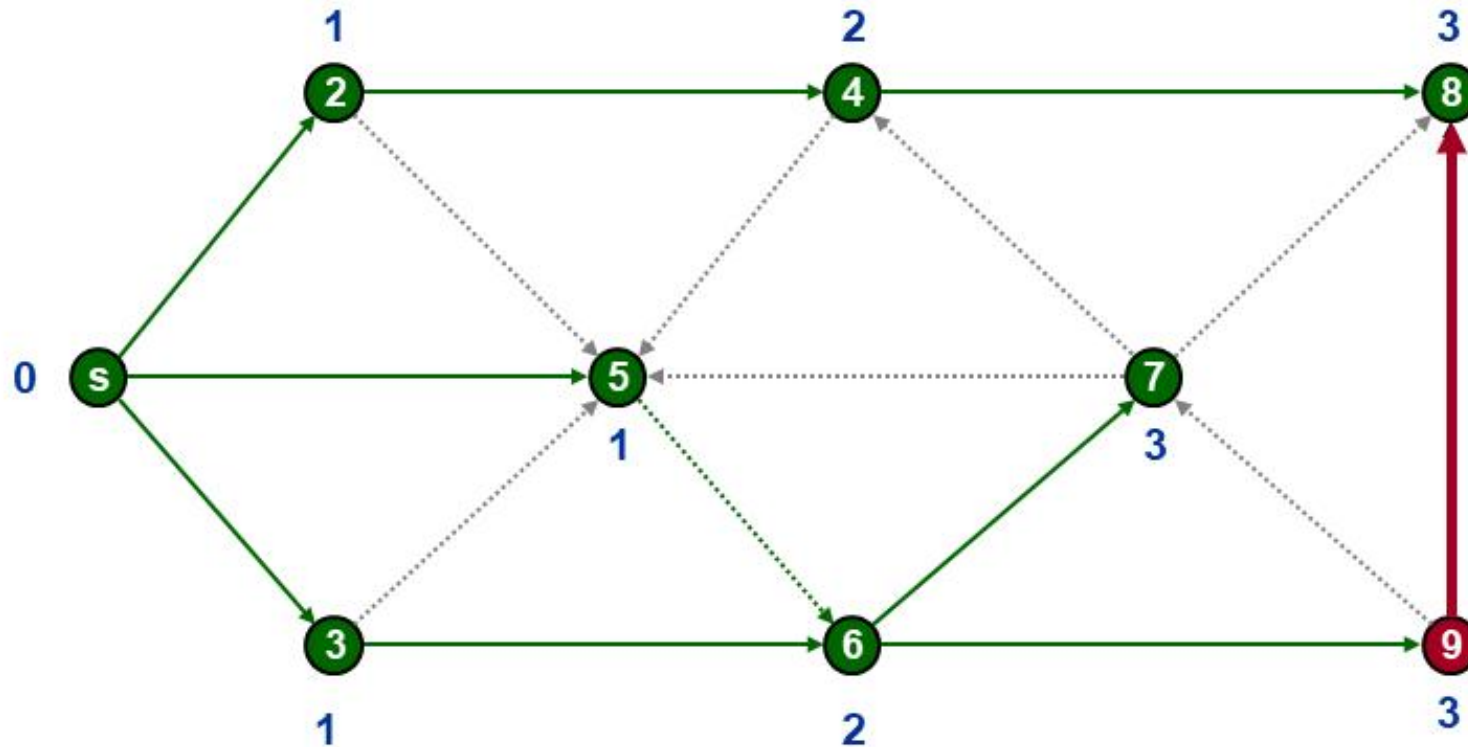
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 9

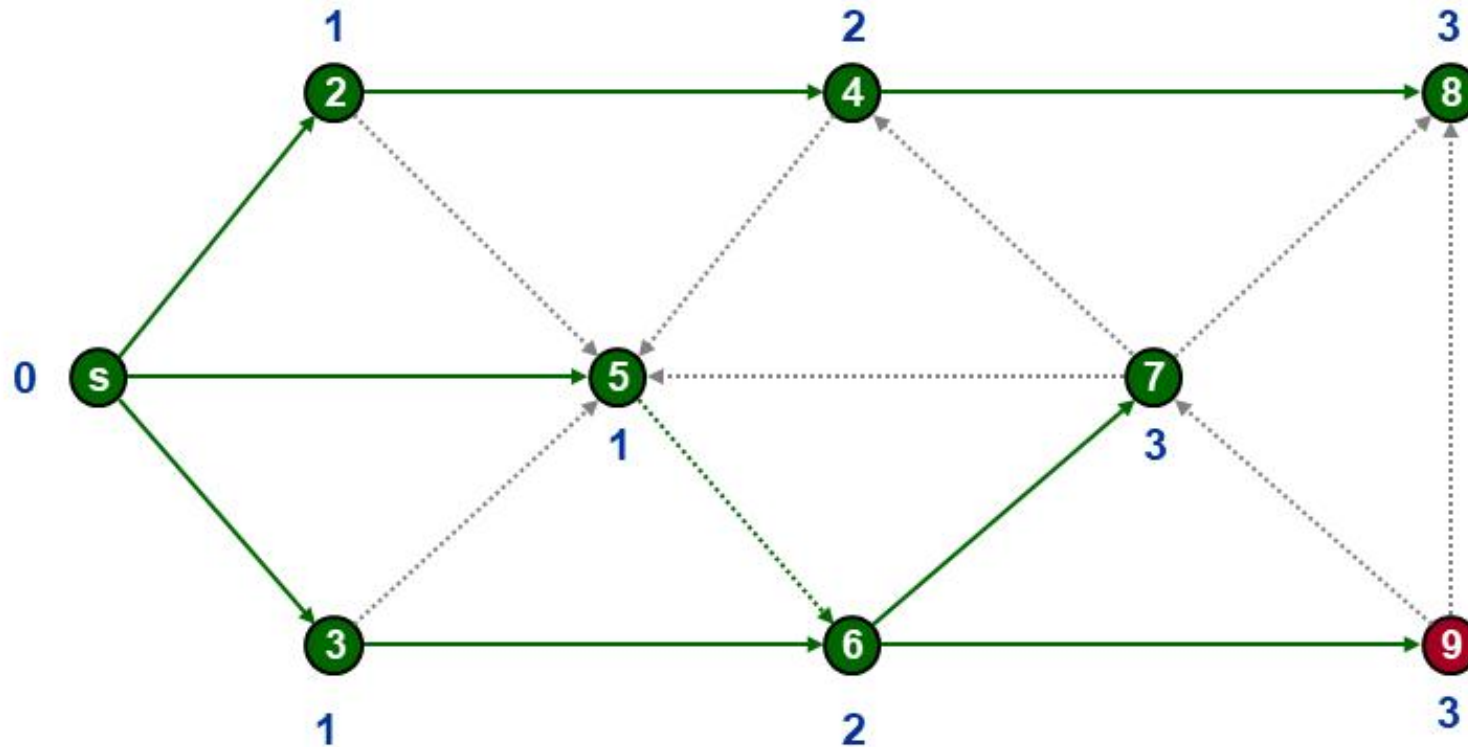
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 9

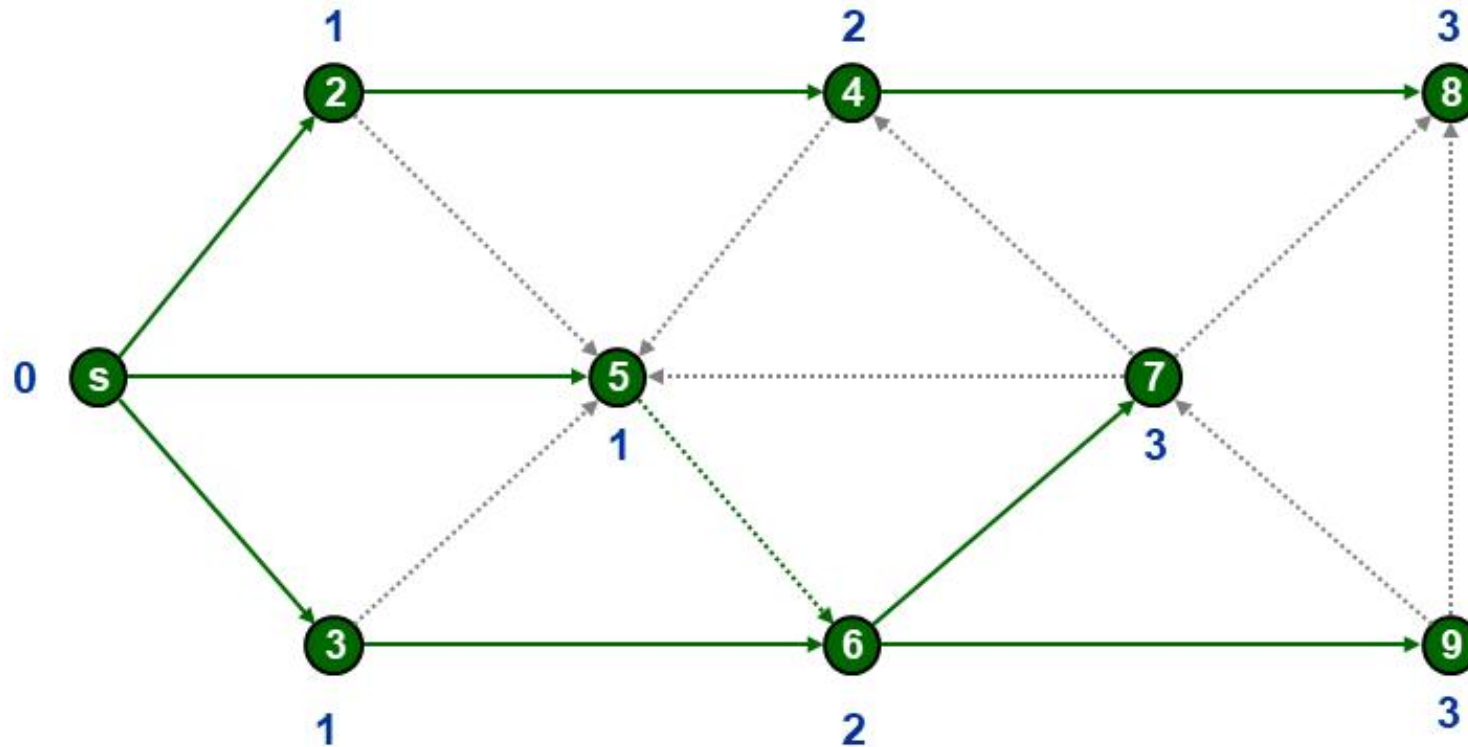
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

Queue: 9

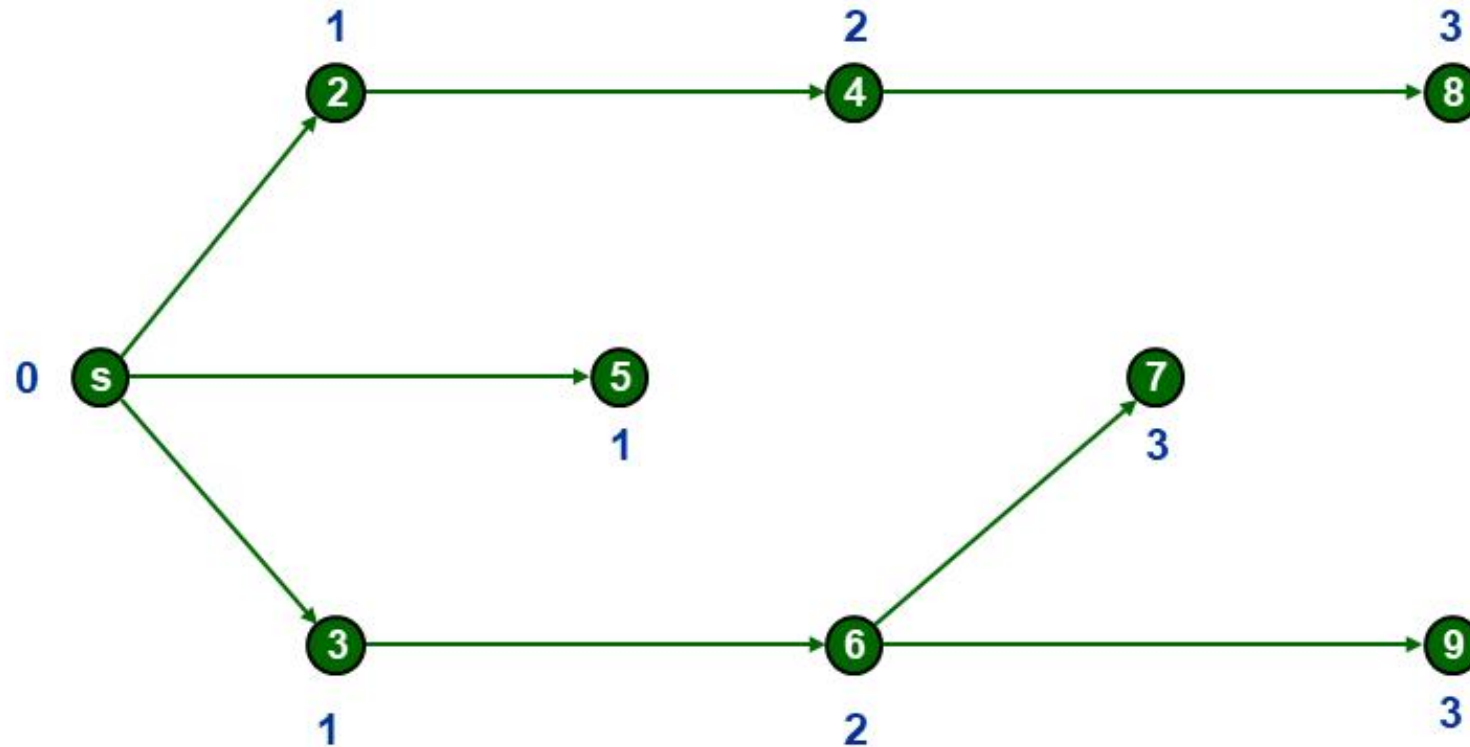
Breadth First Search



Undiscovered
Discovered
Top of queue
Finished

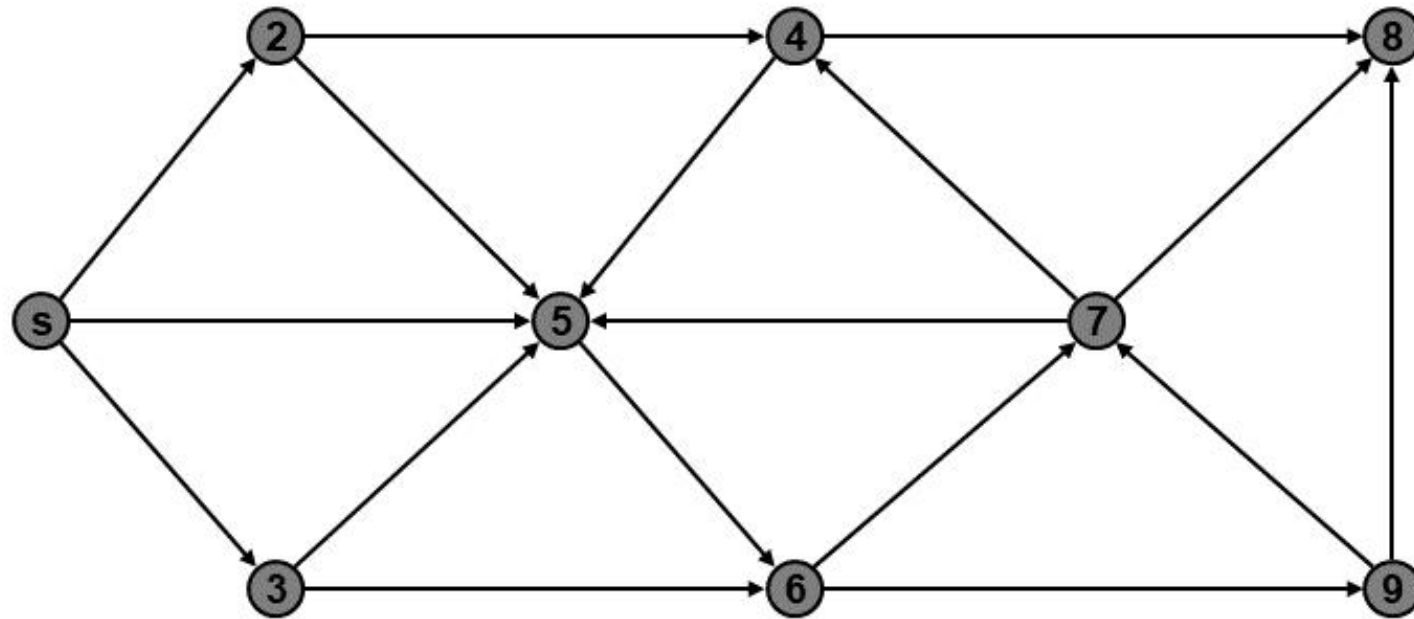
Queue:

Breadth First Search



Level Graph

Depth First Search



- Apply DFS algorithm on the same graph using **stack** and see what is DFS Tree generated after exhausting whole stack.