

~~S 140~~
~~T 118~~
~~Z 75~~
 O 146

L 229
 R
 F
 L 409
 O

Adjacency List

Hash Table

vertex: Hash Table

↗
source

vertex: edge

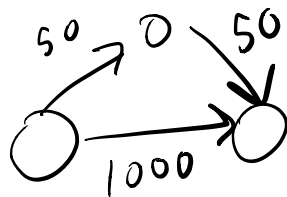
↗
destination

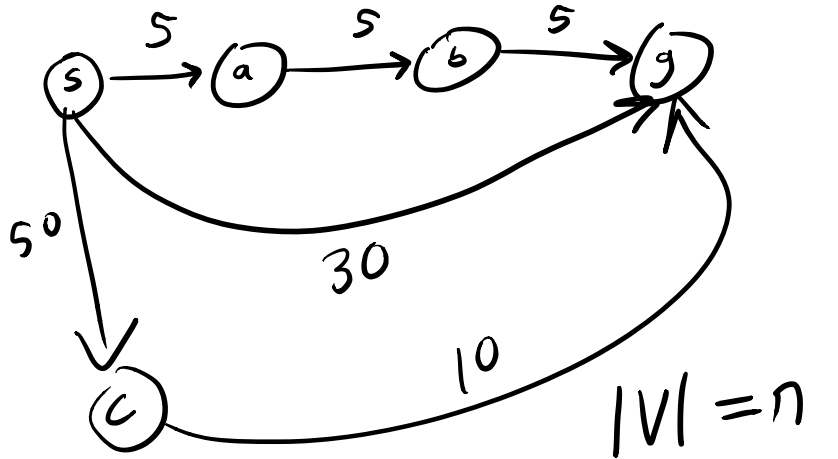
BFS

~~A~~ ~~S~~ ~~T~~ ~~Z~~ ~~F~~ ~~L~~ ~~O~~ ~~R~~
B

DFS

~~A~~ ~~S~~ ~~T~~ ~~Z~~ ~~O~~ ~~K~~ ~~M~~ ~~P~~ ~~Q~~ ~~G~~ ~~P~~ ~~R~~ B





$$|V| = n$$

$$|E| = m$$

Runtime

BFS	DFS	LCFS
$O(n^2)$ →		$O(m \cdot \log m)$
$O(\cancel{n} + m)$ →		