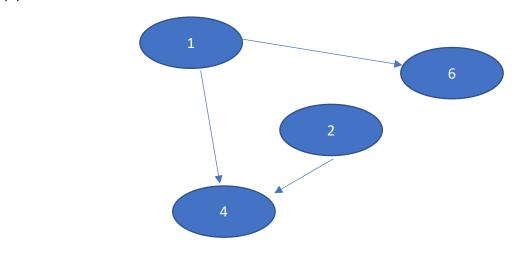
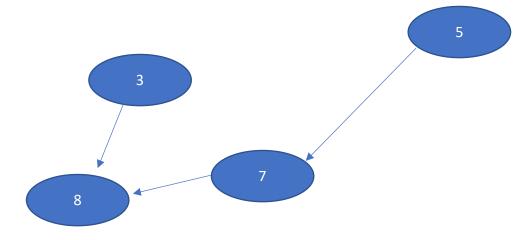
1.

(1)

1->3->7: flow = 5 1->4->7: flow = 4 1->6->7: flow = 10 Maximum flow = 19

(2)





割的情況如上最小割為19

(3)

- 2.
- (1)
- (2)

BFS 時間以 O(|E|),每個 edge(u,v) 會成為增廣路徑中的 critical edge 最多|V|2次,故時間複雜度為 O(|E|)*(|V|/2)*(|E|) = O(|V|*|E|^2)