Articulation Point - examples
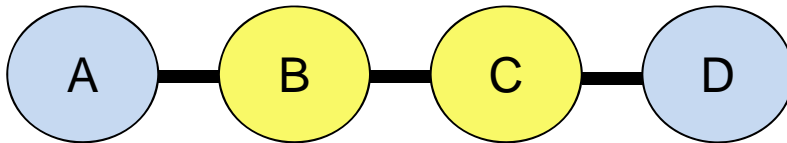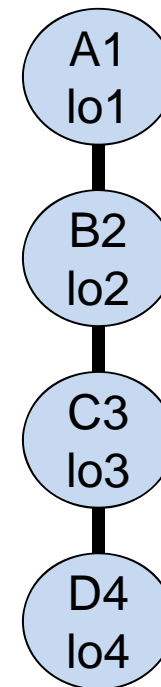
- ## Sequence
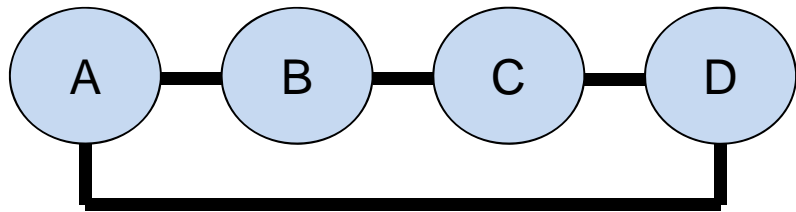

- ## AP if lo(w) >= dfn(v)

  for w = child(v)

- ## APs

  - **B: lo(C) >= dfn(B) (3>=2)**
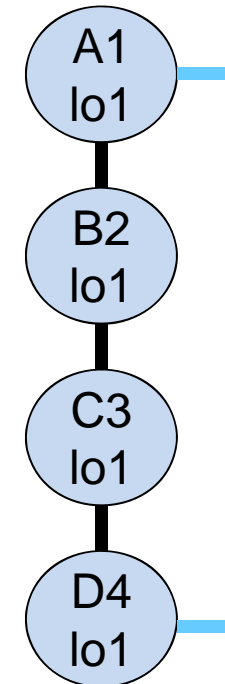 - **C: lo(D) >= dfn(C) (4>=3)**

- ## Dfs tree

Articulation Point - examples
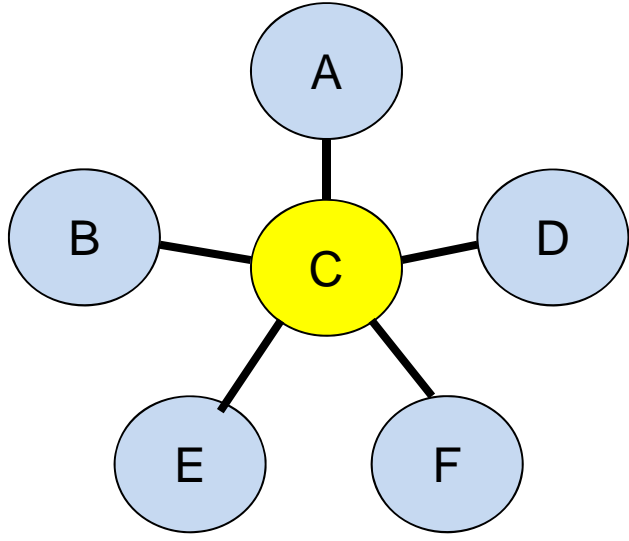
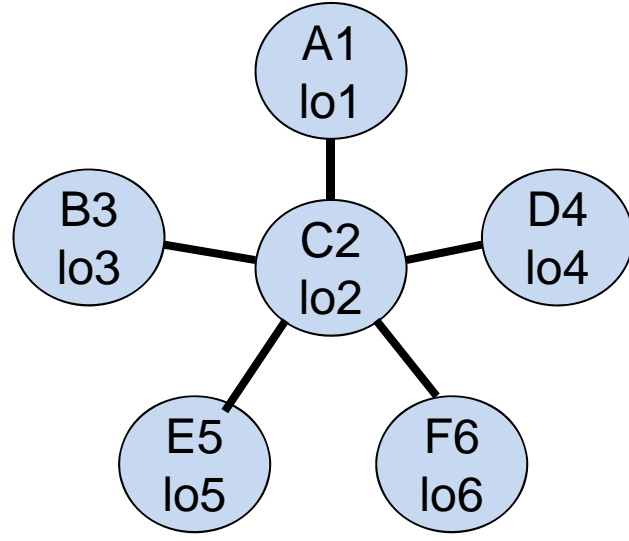- ## Cycle

- ## No APs
- ## biconnected

- ## Dfs tree

Articulation Point - examples
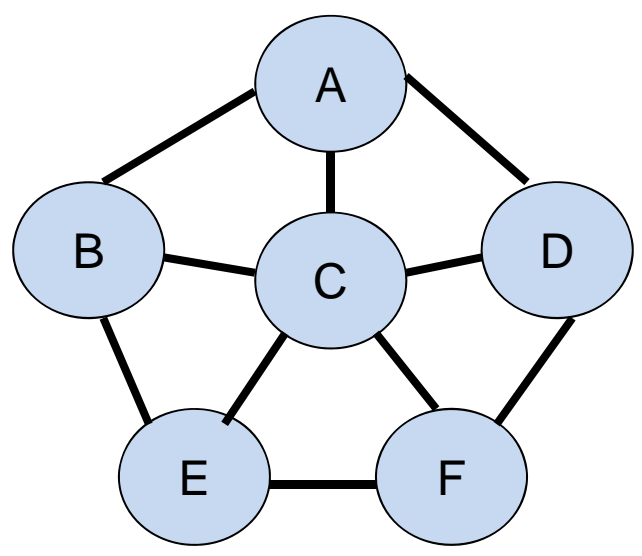
- graph – star network

- C is an AP

- dfs tree

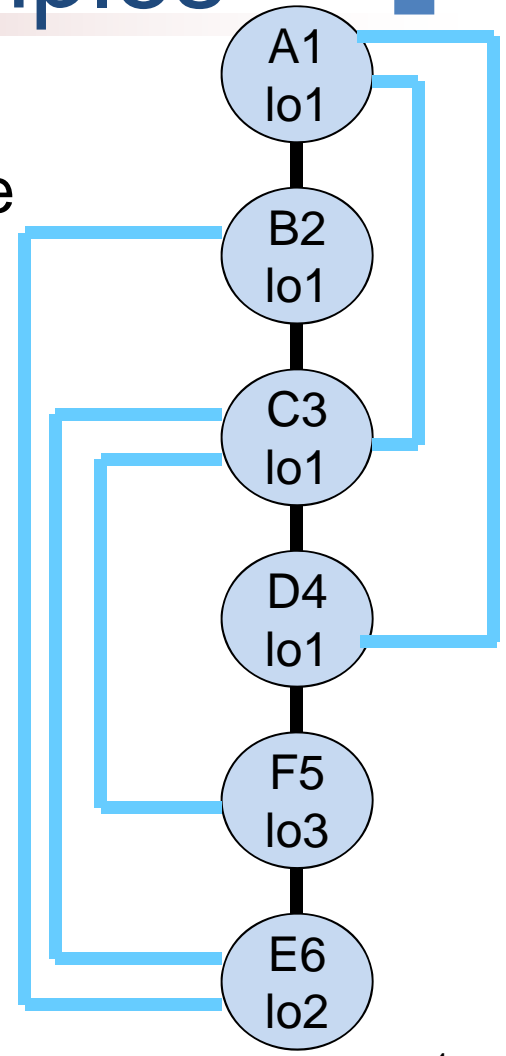- **AP if lo(w) >= dfn(v) for w = child(v)**
- **lo(B) >= (dfn(C)) 3 >= 2**
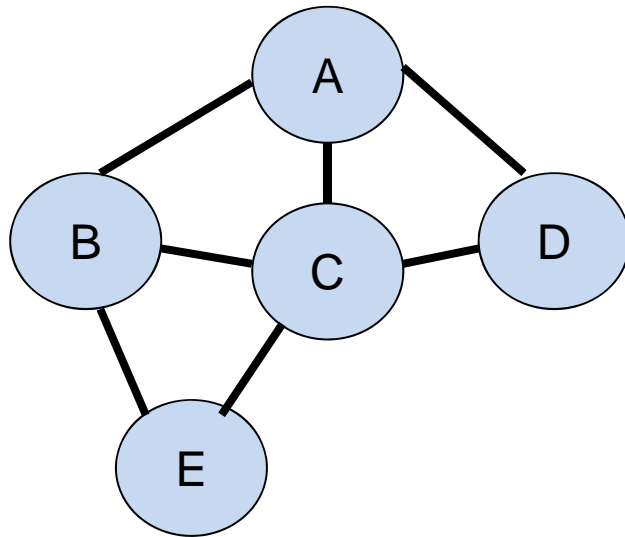
Articulation Point - examples

- Star + cycle

- Dfs tree

- No APs
- K-connected

Articulation Point - examples
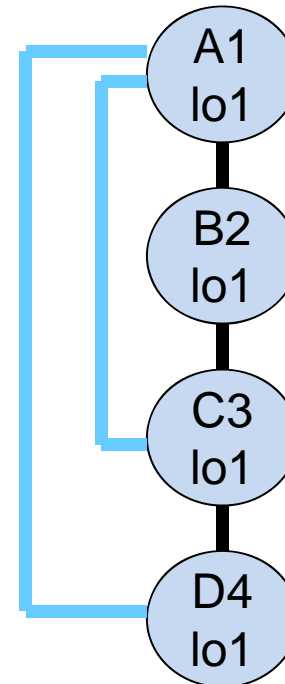
- Graph

- Dfs tree

- No APs
- biconnected

Articulation Point - examples

- Graph

- Dfs tree
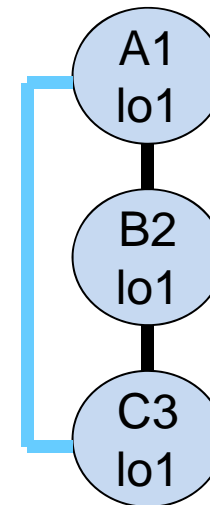

- No APs
- biconnected

Articulation Point - examples
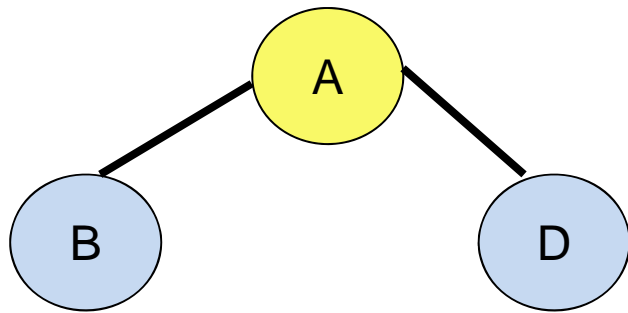
- Graph
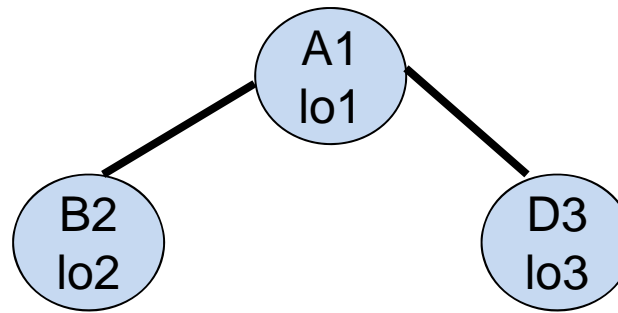
- Dfs tree

- No APs
- biconnected

Articulation Point - examples

- Graph

- Dfs tree

- A is an AP

- Root + 2 children