G4: $A \Rightarrow B C$ $B \mid A \mid B C$ $C \mid D \mid D$ (b) $A \Rightarrow A \mid B \mid C$ $B \Rightarrow A \mid B \mid C$ $B \Rightarrow A \mid B \mid C$ $C \Rightarrow B \Rightarrow A \mid B \mid C$ (c) There is only one vertices adjacent to C.

The run-time for adjacency list is O(V).

This is because the vertices in and adjacency list must be smaller than then or equal with V^2 , so, the upper-hund is O(V). for quoxion. How many vertices in adjacency runting is V^2 , so, it is O(V). to vector C

cob, adjacency list is better.

This is because it is a spoose graph, the run-time for answer quisit is approximates O(V)
but is the run time for answer quis is B(V)

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