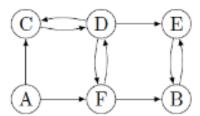






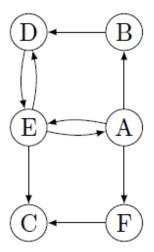


For each of the below set of edges, state whether they make up a legal BFS tree for a breadth-first traversal of the graph below starting in vertex A and for an arbitrary order of the graph's adjacency lists.



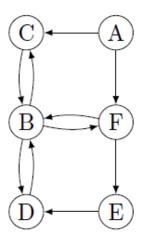
	Yes	No
(A,C) (A,F) (B,E) (F,B) (F,D)	•	0
(A,C) (A,F) (C,D) (D,E) (F,B)	• 🗸	0
(A,C) (A,F) (D,E) (E,B) (F,D)	0	• 🗸
(A,C) (C,D) (D,E) (D,F) (F,B)	0	◎ ✓
(A,F) (D,C) (D,E) (E,B) (F,D)	0	• 🗸

For each of the below set of edges, state whether they make up a legal BFS tree for a breadth-first traversal of the graph below starting in vertex A and for an arbitrary order of the graph's adjacency lists.



	Yes	No
(A,B) (A,E) (A,F) (E,C) (E,D)	○ ✓	0
(A,B) (A,E) (A,F) (E,D) (F,C)	○ 	0
(A,B) (A,F) (B,D) (D,E) (F,C)	0	⊙ ✓
(A,B) (A,E) (A,F) (B,D) (E,C)	○ 	0
(A,B) (A,E) (A,F) (B,D) (F,C)	○ 	0

For each of the below set of edges, state whether they make up a legal BFS tree for a breadth-first traversal of the graph below starting in vertex A and for an arbitrary order of the graph's adjacency lists.

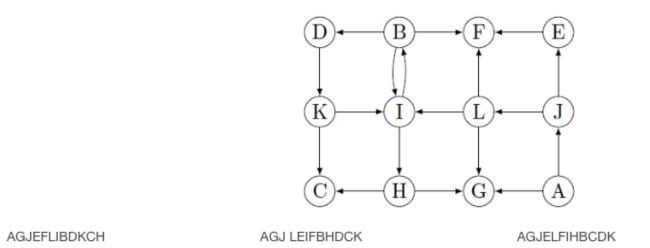


	Yes	No
(A,C) (A,F) (E,D) (F,B) (F,E)	◎ ✓	0
(A,C) (B,F) (C,B) (E,D) (F,E)	0	✓
(A,C) (A,F) (B,D) (C,B) (F,E)	◎ ✓	0
(A,C) (A,F) (D,B) (E,D) (F,E)	0	✓
(A,C) (A,F) (B,D) (F,B) (F,E)	◎ ✓	0

0

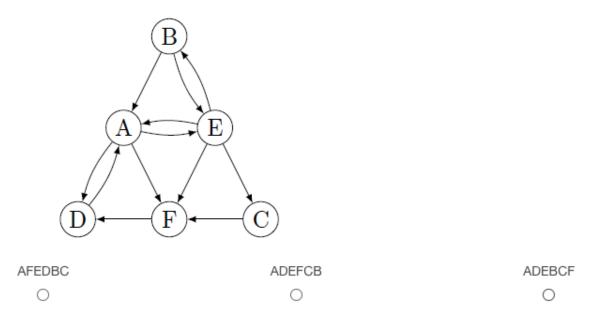
AGJELFIBHDCK

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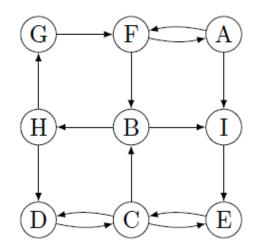


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AFBHCEGI AFIBEHCGD AFIBEHCDG

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