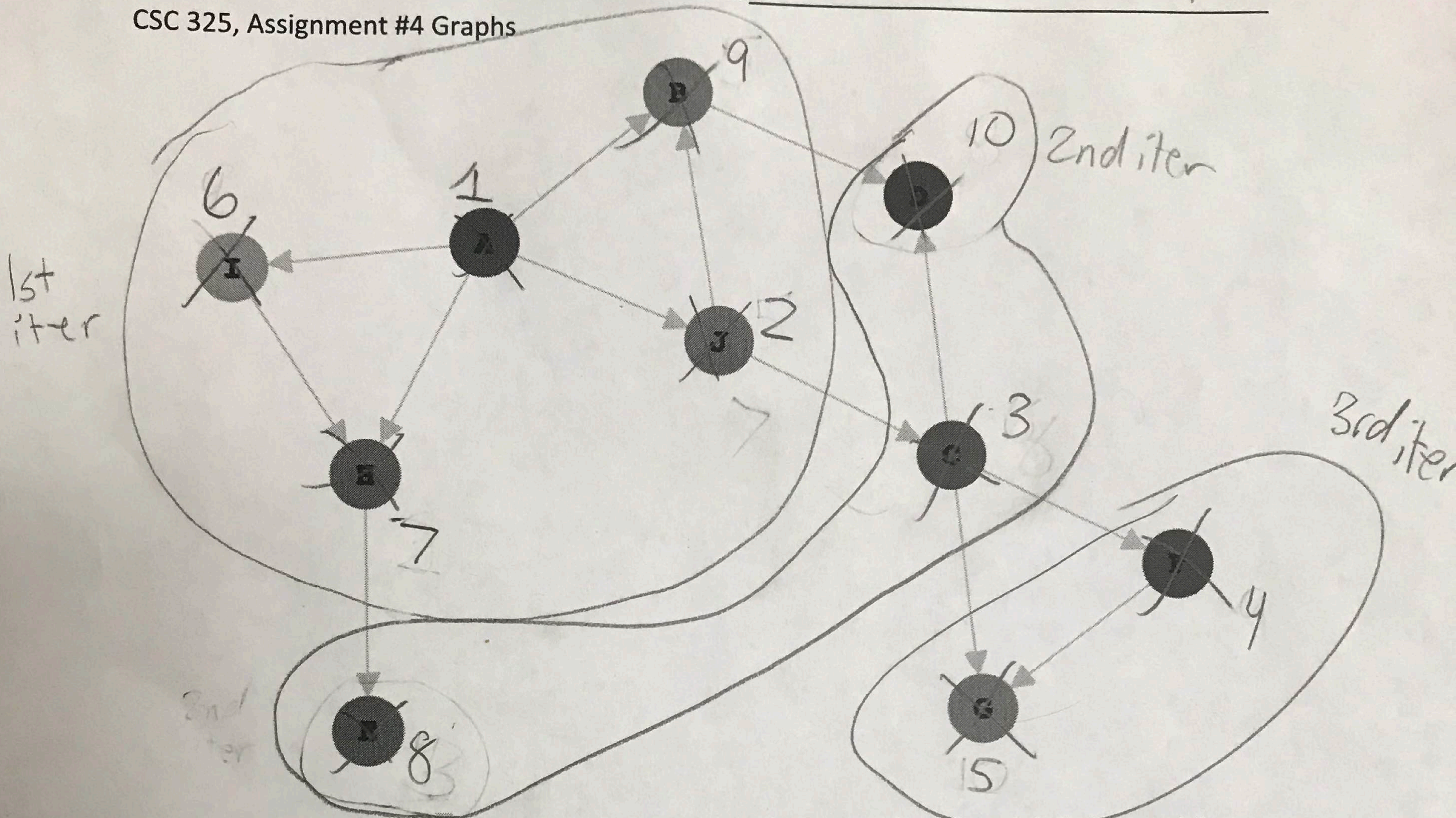


Name Gatlin Walker

Name _____

Name _____

CSC 325, Assignment #4 Graphs



1. Starting at vertex A, in what order are the nodes visited by a **breadth-first** search?
Note: you should choose edges in alphabetical order (based on the destination vertex).

A, B, H, I, J, D, E, C, F, G

2. Starting at vertex A, in what order are the nodes visited by a **depth-first** search?
Note: you should choose edges in alphabetical order (based on the destination vertex).

A, B, D, H, E, I, J, C, F, G

3. Compute a topological ordering of the graph above.

	A	B	C	D	E	F	G	H	I	J
f-values	1	9	3	10	8	4	5	7	6	2

Score from AutoGradr on your friend circles program: 100%