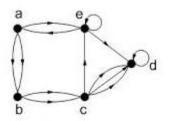
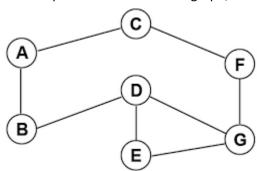
1. Translate the directed graph to an adjacent matrix.



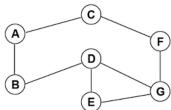
2. Translate the directed graph to a graph.

Γ0	3	2	3
$\begin{bmatrix} 0 \\ 1 \\ 2 \\ 2 \end{bmatrix}$	1	3	2
2	1 3	1	2
L ₂	2	1	0.

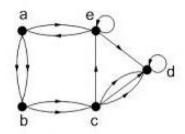
3. Use the Depth-First search on the graph, starting with D. Show every step and drawing.



4. Use the Breadth-First search on the graph, starting with D. Show every step and drawing.



1. Translate the directed graph to an adjacent matrix.

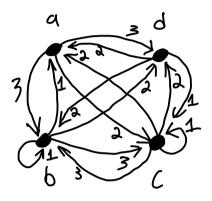


vertex	Adjacatverns
9	6,C
<i>م</i>	L
2	J,e
9	4
C	a,d,e

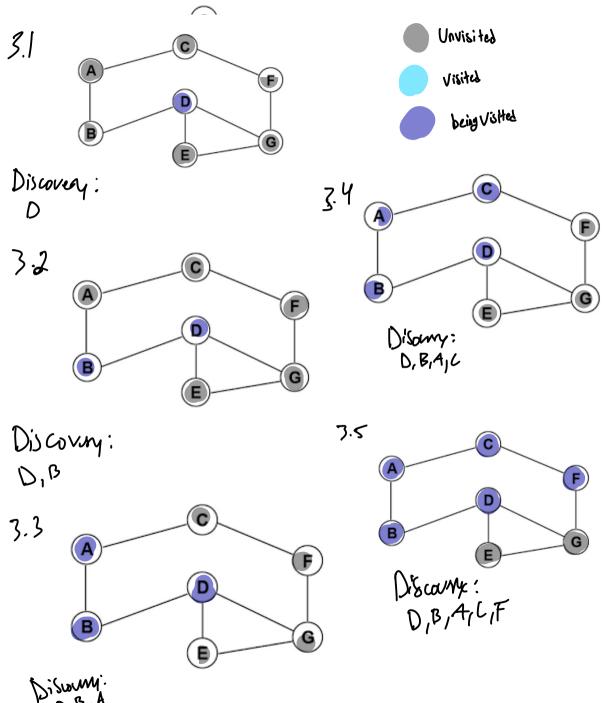
	Δ	Ь	L	7	0
a		7			1.0
b			2		
C				M	1.0
٩				1.0	
e	1.0			1.0	1.0

2. Translate the directed graph to a graph.

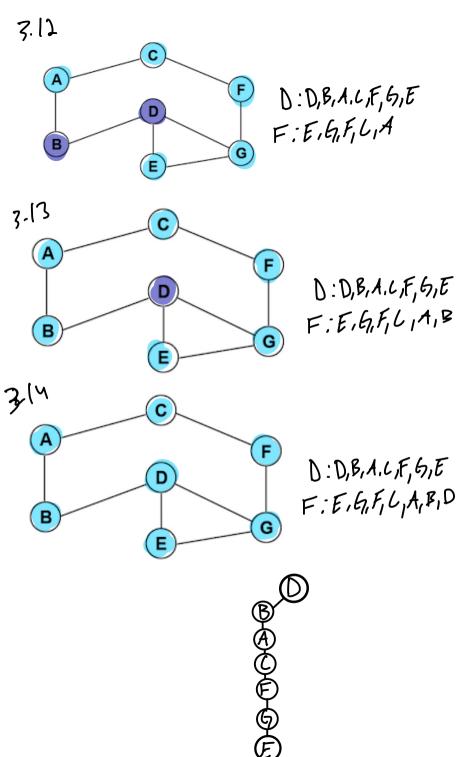
	4	b	L	ط
a	Γ0	b 3	ر 2	ا 3ر
9 6 7	1	1	3	2 2
C	2	1 3	1	2
ط	L_2	2	1	LO



3. Use the Depth-First search on the graph, starting with D. Show every step and drawing.



3.9 3.6 G G D: D,B,A,C,F, 6,E F: E,G D,B,A,C,F,G 3.10 3.7 G В G D: QB,A,C,F,G,E Disonn: D,B,A,C,F,b,E F: E, G, F 3.11 3-8 A G G E Discury: DB, A, GF, GE D: D,B,A.L,F,G,E F:E,G,F,L Finish E



4. Use the Breadth-First search on the graph, starting with D. Show every step and drawing.

