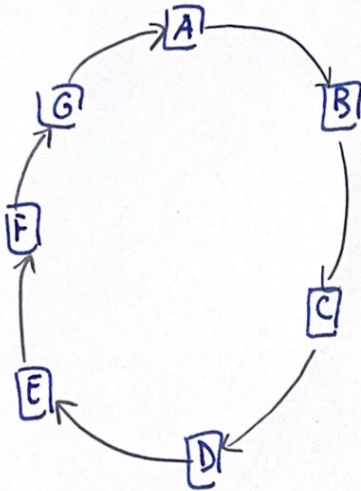


6. Adjacency Matrices

Part 1

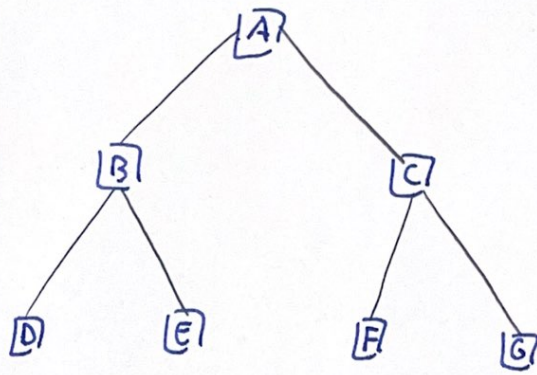
1st matrix



- cyclic
- directed
- connected graph

Bonus: every vertex has 1 incoming and 1 outgoing edge

2nd matrix



- acyclic
- non-directed
- connected graph

Bonus: it is a tree

⇒ has all the properties of a tree

Part 2

	A	B	C	D	E	F	G	H
A	0	1	0	0	0	0	0	0
B	0	0	1	0	0	0	0	0
C	0	1	0	0	0	0	0	0
D	1	0	0	0	1	0	0	0
E	1	0	0	0	0	1	0	1
F	0	0	0	1	0	0	0	1
G	0	0	1	0	0	0	0	1
H	0	0	0	0	1	0	1	0

