

①

① b, c

② e, d

② a Adjacency Matrix

Linked List

	a	b	c	d	e
a	0	0	1	1	0
b	0	0	1	0	0
c	1	1	0	1	1
d	1	0	1	0	1
e	0	1	1	0	0

$a \rightarrow c \rightarrow d$

$b \rightarrow e \rightarrow /$

$c \rightarrow d \rightarrow /$

$d \rightarrow /$

$e \rightarrow /$

③ Fig A is complete, B is not

④ No loops in B loops in A

⑤ Cycle in A, not in B

③

	A	B	C
A	0	1	1
B	1	0	1
C	1	1	0

$A \rightarrow C \rightarrow B$

$B \rightarrow A \rightarrow C$

$C \rightarrow B \rightarrow A$

	A	B	C	D
A	0	1	1	0
B	1	0	1	0
C	1	1	0	0
D	0	0	0	0

$A \rightarrow C \rightarrow B$

$B \rightarrow A \rightarrow C$

$C \rightarrow B \rightarrow A$

$D \rightarrow /$