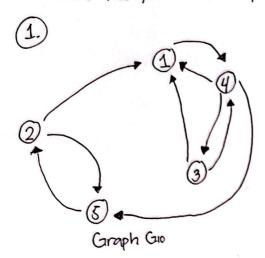
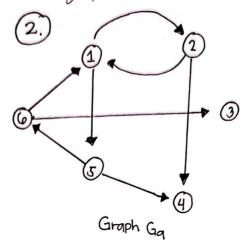
Exercise

Give the formal description of the directed graph below.





length = 2

(3)		
.Indegree of no. of indegree		
Node 1: $V = (2,3,4)$ Node 2: $V = (5)$		
Node 3: V= (4)		
vode 4: V=(1,3)		
Note 2: V= (2,4)		
Out degree of vo or outdegre		
Node 1: V= (4)		
Node 2: V= (1)5) Node 3: V= (14)		
Node 4: v= (1,3,5)		
1004C +: 1 = (2)		
adjacent to: of		
Node 1: (2,3,4)		
Note 3: (4) Note 4: (1,3)		
Node 5: (214)		
adjacent from:		
406e 1: (4)		
Notez: (1,5)		
notes: (114)		
Nobe 4: (1,3,5)		
votes: (2)		
The edges incident to:		
Mode 1: (1,4),(2,1),(3,1),(4,1)		
Node 2: (2,1) (2,5), (5,2)		
Node 3: (3,1), (3,4), (4,3)		
Node 4: (1,4),(4,1),(4,0),(0,4),(4,5)		
Node 3: (5,2), (2,5), (4,5)		

2 Indegree of	no of Indept
pode1: v=(2,6) Node2: v=(1)	2
Node 3: V=(6)	1
Note 4 i v= (2,5)	2
Nobe 3: V = (1)	1
Mode 6 ! V = (5)	1
Vode (: V= (2,15), Nude 2: V=(4,11),	of out degree
Note 3: v= None,	0
Note 4: v= vone,	a
Nude 6: V= (1,3),	2
adjacent to:	
Node 1: (216) Node 2: (1) Node 9: (6)	
Note 4: (215)	
Node 5: (1)	
hose b: (5)	
adjacent from: pole 1: (2,5)	
Note 2: (4,1)	127 5
looge 2. Land	- a
pode y: wone'	
hode 5: W16)	1. 17 pt
Nose 6: (113)	1+1
The edges incident to:	
Model: (1,2), (2,1),(1	5), (6,1)
Node 2: (2,11),(M2),(y
Notes: (413)	
Note 4: (2,4),(5,4)	
	2 ()
1000 51 (514), (1,5),(2101
pode 6: (6,1), (3,6)	