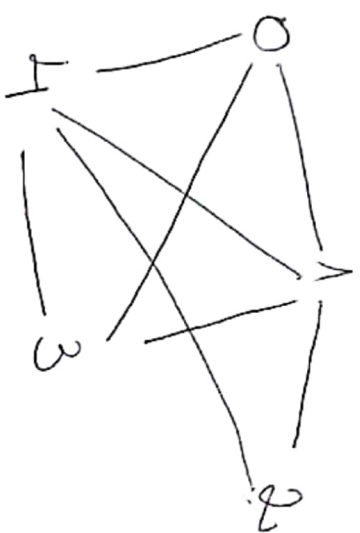


LAB 2 manual execution 1

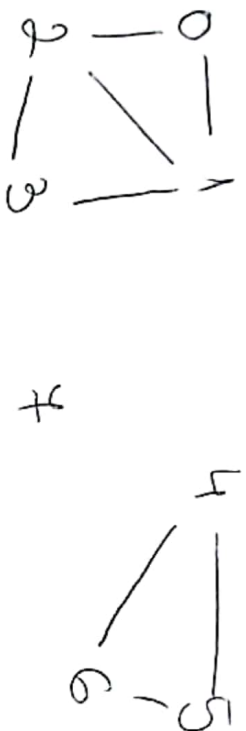


D - vertices

key	value
0	[1, 3, 4]
1	[0, 2, 3, 4]
2	[1, 4]
3	[0, 1, 4]
4	[0, 1, 2, 3]

is-visited	all-connected components	i	connected component	queue	next
[F, F, F, F, F]	[]	0	[1]	0	0
[T, F, F, F, F]			[0]	1	
[T, F, F, F, F]			[0, 4]	2	
[T, F, F, T, F]			[0, 4, 2]	3	
[T, F, T, T, F]	[0, 1, 2, 3, 4]		[0, 4, 2, 3]	4	
[T, T, T, T, T]			[0, 4, 2, 3, 1]		

manual execution 2



D-vertices

key value

0	→	[1, 2]
1	→	[0, 2, 3]
2	→	[0, 1, 3]
3	→	[1, 2]
4	→	[5, 6]
5	→	[4, 6]
6	→	[4, 5]
7	→	[]

is visited	all connected components	i	connected component	queue	meda
[F, F, F, F, F, F, F]	[]	0	[]	0	0
[T, F, F, F, F, F, F]			[0]	1	
[T, F, F, F, F, F, F]			[0, 1]	2	
[T, F, F, F, F, F, F]			[0, 1, 2]	3	
[T, T, T, T, F, F, F]	[0, 1, 2, 3]		[0, 2, 3, 4]	4	
[T, T, T, T, F, F, F]	[]	4	[]	5	4
[T, T, T, T, F, F, F]			[4]	6	
[T, T, T, T, F, F, F]	[4, 5, 6]		[4, 6]	7	
[T, T, T, T, F, F, F]			[]		
[T, T, T, T, F, F, F]	[7]	7	[7]		7