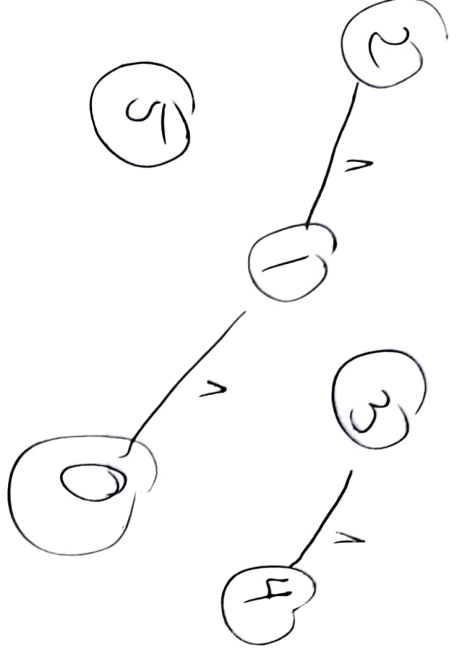


LAB 2 - Connected

Components using

BFS (3 connected comp with one included vertex)



Unvisited: not to keep track of visited vertices
 Queue: for BFS
 Component: list for current visited vertices
 Components: list of component

Step	Vertex	Queue	Visited	Component	Components
1	0	[1]	[0]	[0]	[0,1,2]
2	1	[2]	[0,1]	[0,1]	
3	2	[]	[0,1,2]	[0,1,2]	
Camp finish	-	[4]	[0,1,2]	-	[0,1,2]
4	3	[]	[0,1,2,3]	[3]	[0,1,1,2]
5	4	[]	[0,1,2,3,4]	[3,4]	[0,1,2]
Camp finish	-	[]	[0,1,2,3,4]	-	[0,1,2], [3,4]
6	5	[]	[0,1,2,3,4,5]	[5]	[0,1,2], [3,4]
Camp finish	-	[]	[0,1,2,3,4,5]	-	[0,1,2], [3,4], [5]