Find the connected components of an undirected graph using **BFS**

⓪—①   ③—④
  ②   ⑤

X	Y	queue	acc	visited
				{4}
call accessible(0):	0	[0] ← r=0	{0}	
	1	[1] ← r=1	{0,1}	
	2	[2] ← r=2	{0,1,2}	connected comp ① {0,1,2}
		‖		connected comp ②
call accessible(3):	3	[3] ← r=3	{3}	
	4	[4] ← r=4	{3,4}	{3,4}
		‖		connected comp ③ {0,1,2,3,4} ④
call accessible(5):	5	[5] ← r=5	{5}	
		‖		connected comp ⑤ {0,1,2,3,4,5}
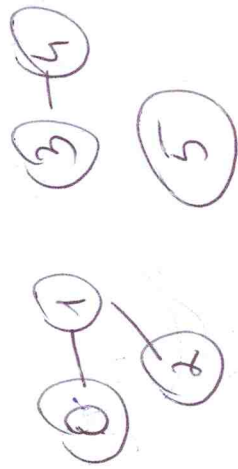
Adout-dictionary.

key	value
0	[1]
1	[0,2]
2	[1]
3	[4]
4	[3]
5	[]