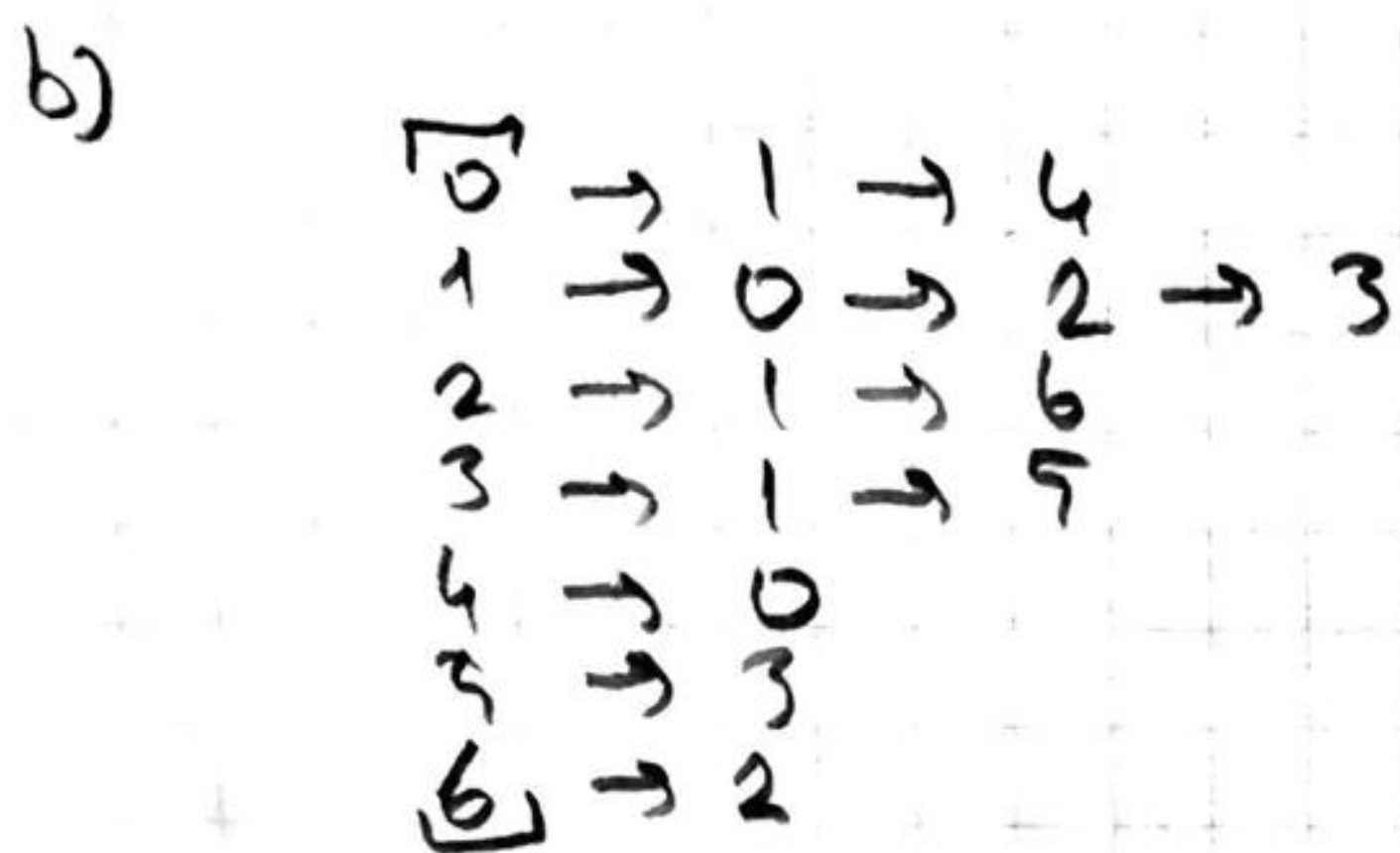
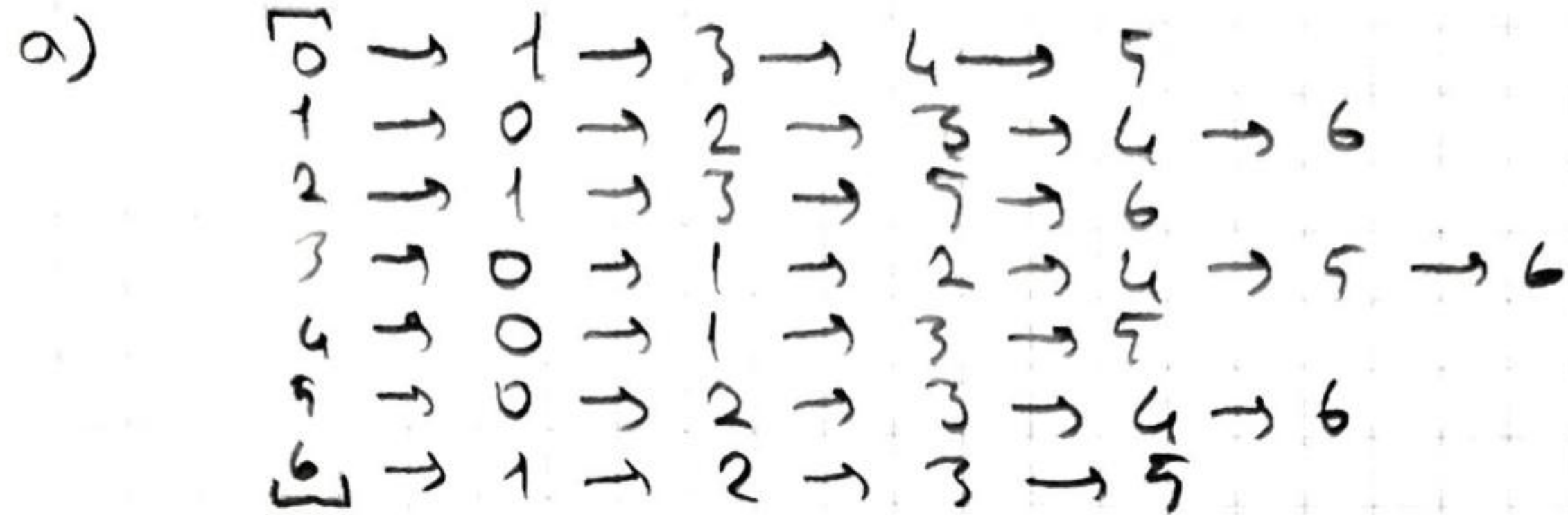


1-



2-

a)

	0	1	2	3	4	5	6
0		1		1	1	1	
1	1		1	1	1		1
2		1		1		1	1
3	1	1	1		1	1	1
4	1	1		1		1	
5	1		1	1	1		1
6		1	1	1		1	

b)

	0	1	2	3	4	5	6
0		1			1		
1	1		1	1			
2		1				1	
3		1				1	
4	1						
5			1				
6			1				

3-

Since example "a" is a more linked structure, it is more efficient to use 2D matrix array since it is faster to reach an element but for example "b" it is better to use list structure since it doesn't have that much linked structure and using 2D matrix could be overkill in terms of memory usage cause most of the matrix would be empty.

4- (DFS)

a) 2-6-5-4-3-1-0

b) 2-6-1-3-5-0-4

5- (BFS)

a) 2-6-5-3-1-4-0

b) 2-6-1-3-0-5-4