start vertex	connected-component	visited	i	all-visited	nr-vertices-visited
0	[0]	[True, False, F, F, F, F, F, F]			
	{0,1}	{T, T, F, F, F, F, F, F}	1		
	[0,1,2)	(T, T, T, F, F, F, F, F]	2		
	{0,1,2,3)	[T, T, T, T, F, F, F, F]	3		
				{0,1,2,3]	4
4	{4]	(F, F, F, F, True, F, F, F]		{0,1,2,3,4]	5
5	{5]	{F, F, F, F, F, True, F, F]			
	[5,6]	{F, F, F, F, F, True, True, F]	6		
	{5,6,7]	{F, F, F, F, F, T, T, T]	7	(0,1,2,3,4,5,6,7]	8