**Exercise 3**

The algorithms are implemented in the file exe3.c, the data structures are implemented in structs\_exe3.h.

The test was implemented by first creating a graph and setting the edges then calling DFS (and DFS visit) on the graph After that a transpose graph is created from the original graph. After this DFS is called again on the transpose graph which this time returns an integer holding the number of strongly connected components.

To test the algorithm with for other graph the values can be changes in the initializeGraph method in exe3\_Implementation.