**Lab 1**

**Exercise n**

The algorithms for list, stack and queue are implemented in the file operations.c, the data structures are implemented in struct.h.

Tests for the algorithms were carried out by calling test methods in the tests.c file for each algorithm.

The test methods were implemented to call an algorithm in the operation.c file and print a response if either the test succeeded or failed.

To test the algorithms with different data it is possible to modify the lists that are created in the main file and then insert different parameter values in the test method calls.

The stack and queue are implemented in the tests.c file. However, the values for these can be modified in the test method.

To test the different operations of the algorithms for stack and queue the new values can be inserted as values to compare the result of the algorithms with.

**Code review**

Testing of lab 1 by Kevin Kaunisvaara and Tilian Sonestedt

The code was very well written and compiled without errors or warnings.

Every operation worked as it should and the output of the test was still correct after that I changed some input values.

The delete test however did not take an integer parameter which meant that

I had to find the operation and type in the value I wanted to delete as a local variable which I found a little tedious, but nothing problematic.