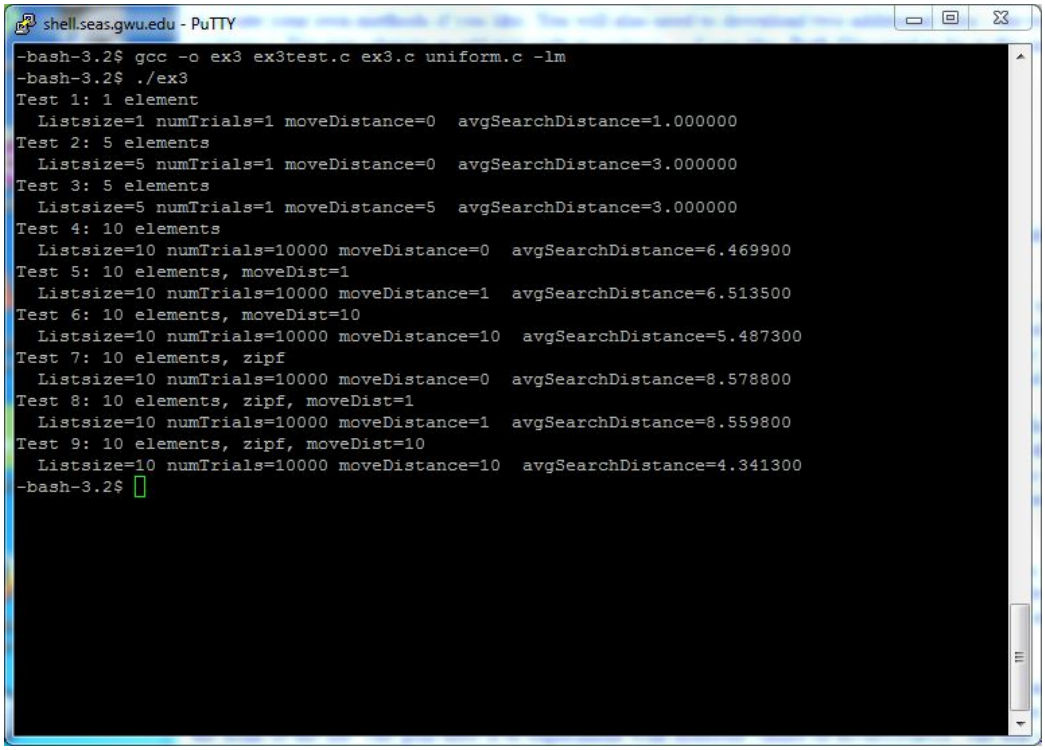
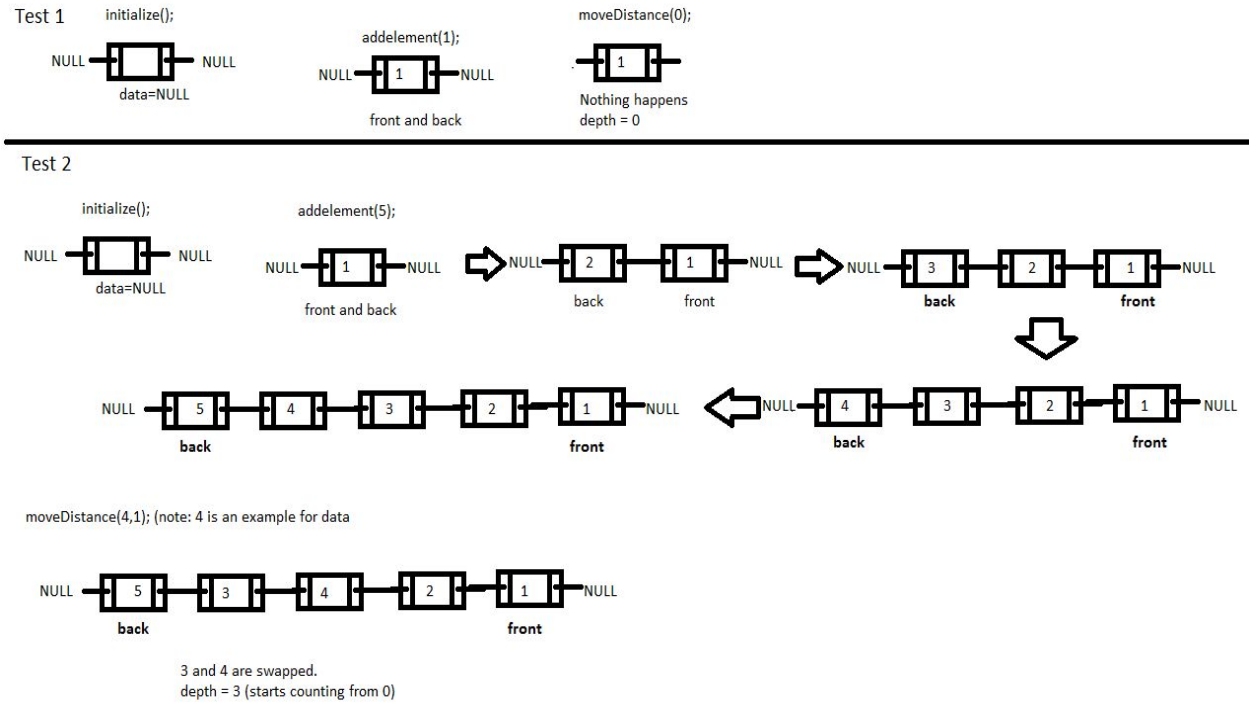
cs2113
William Horowitz

Deliverables for C exercise 3: Doubly-Linked List

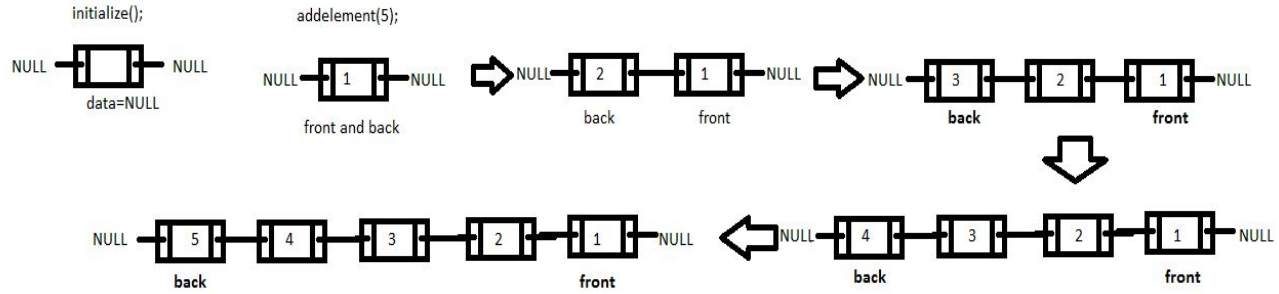
Screenshot running ex3test.c



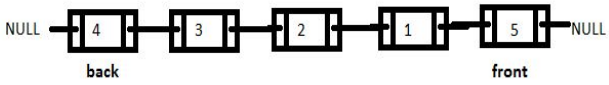

Visualisation of tests 1, 2, & 3 in ex3test.c



Test 3




moveDistance(5,5); (note: 5 is a sample data used)




5 is moved to front of the list

depth=4

## Average search depth for lists of 10 elements:

**Movedistance 0, uniform=true - 6.469900**

**Movedistance 1, uniform=true - 6.513500**

**Movedistance 10, uniform=true - 5.487300**

**Movedistance 0, uniform=false - 8.578800**

**Movedistance 1, uniform=false - 8.559800**

**Movedistance 10, uniform=false - 4.341300**