## 4.1 Theroie

Operation	best	average	worst
insert operation at the end of a single linked			
list	O(1)	O(n)	O(n)
insert operation at the end of a list backed by			
an array	O(1)	O(1)	O(1)
insert operation of a hash table	O(1)	O(1)	O(1)
contains operation of a list	O(1)	O(n)	O(n)
contains operation of a hash table	O(1)	O(1)	O(n)
insert operation at the end of a single linked			
list	O(1)	O(n)	O(n)
insert operation at the end of a list backed by			
an array	O(1)	O(1)	O(1)
insert operation of a hash table	O(1)	O(1)	O(1)
contains operation of a list	O(1)	O(n)	O(n)
contains operation of a hash table	O(1)	O(1)	O(n)

4.2 What would be a suitable Java datatype to implement a FIFO-structure

A linked list