

## Week 6 hand-in

### Exercise 1

It prints:

$x=7$ ,  $y=18$ ,  $z=2$

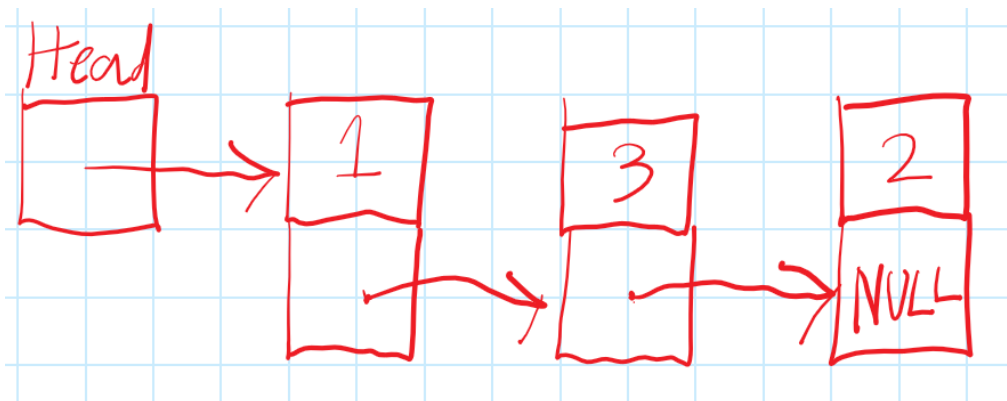
### Exercise 2

Code in repository

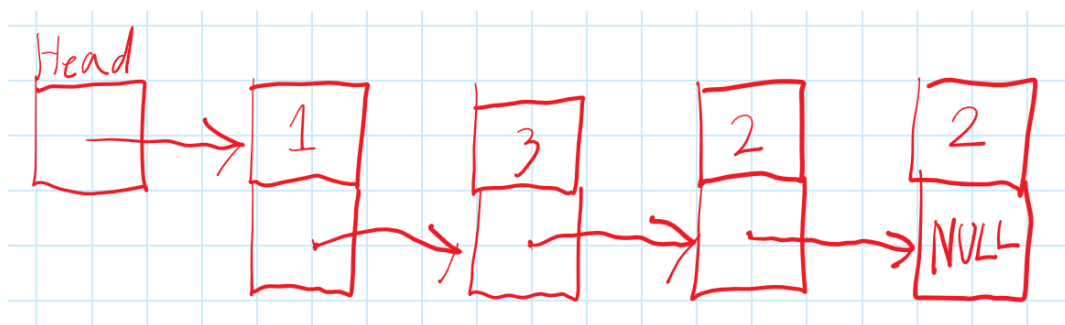
### Exercise 3

a)

First list shown:



Second list shown:



**b)**

Code in repository

**c)**

The postcondition is not fulfilled, as it will print the first element of the list indefinitely, because  $p$  always will be  $\neq \text{NULL}$ . This is the case, since there is no code in the loop that updates the pointer to the next element.

**d)**

Corrected code in repository.

**e)**

Code in repository.